Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 135 MAY 1, 1939 Number 18

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Reporter's Nationwide Business Survey Shows Chemical Industries Active in First Quarter

Production, Sales, and Earnings Larger Than in 1938 Period, Reflecting General Conditions—Inventories Down—Prices Further Reduced

During the first quarter of 1939 the chemical, oil, and drug industries found business substantially better than it had been in the corresponding period in the preceding year. Taken all together, they made more goods; they sold more goods; and, while the prices they got were not so high, they made more money.

Demand for their products, which are the basic and processing materials of almost every other industry, was stimulated by the better general conditions of industry and commerce. The consequent increase in sales enabled the chemical, oil, and drug industries to increase their productive operations. And the greater hum of activity added still more to the feeling of optimism and confidence which had been engendered by the improvement in the last quarter of 1938.

The chemical, oil, and drug industries were not afflicted with self-satisfaction as a result of their opportunity to function more actively and more profitably in the first quarter. The improvement in their condition was not accompanied by any relaxation of their efforts to better their services to industry at large; nor did the increasing volume of sales-helping demand lead them to rush into unwarranted haymaking with the first evidence that the sun was getting brighter. These industries did not raise their prices; in truth, their average was reduced still further during the quarter.

This reducing of prices—it was the rule in five of the ten major divisions covered by the REPORTER'S survey (advances were made in but two of the others, the price level being unchanged in the rest)—was in part the result of further intensification of competition influenced by the outcome of research, and in other part it represented an earnest belief that, where prices could be reduced, it was good business, good sales promotion, to make the reductions available to consumers. Quality being a stable characteristic of the products of the chemical, oil, and drug industries and service having been developed to a noticeable degree, competition in price is regarded in the industries as the most promising field in which operating savings can be utilized to increase sales.

It must be admitted that the competition in price at times shaves the margin of profitableness rather thin. This does not arise from a policy of sacrificing profit for volume, but is the result of the continuously increasing competitivity among products of the industries—the introduction of new materials, the discovery of new uses for long-known materials, or the invention of a less costly method of production. The chemical, oil, and drug industries are leaders in technological development, especially in the field of industrial materials, as distinguished from products for direct consumption by the public. This leadership is continuously proving valuable to the consuming industries, and the progress of the basic industries is pulled from above as well as pushed from below.

The foregoing paragraphs summarize quite generally the indexes of conditions in the chemical, oil, and drug industries discovered in the REPORTER'S nationwide survey covering the first quarter of this year. At the end of the quarter conditions were not quite so encouraging, not because of any fault within the industries or within the whole business of the country. The chemical, oil, and drug industries, being dependent to a large degree upon the general business activity for their condition, could not escape the influence of the caution resulting from the uncertainty of world affairs. At the other extreme, these industries shared in the common lot of curtailment by reason of unfavorable weather. The optimism of the industries has not been smothered under the cloud of uncertainty, and there is reason for this in the fact that, at its worst point in this year's quarter, business was better than at anytime in the 1938 quarter—and it is still better.

The REPORTER'S survey shows that the chemical, oil, and drug industries had a volume of sales in the first quarter of this year 12.2 percent larger than that in the corresponding period in 1938. The close coordination of the industries' sales and production is indicated by the increase of 12.5 percent in the aggregate output of the industries. Most of the divisions kept production closely in step with sales. Not all of them, however, shared equally in the improvement in the latter respect. The average sales improvement of 12.2 percent represented a range from a decrease of 4.7 percent in botanical drugs and related products to an increase of 21.7 percent in heavy chemicals. One other division showed a decrease from the 1938 volume—sales of essential oils and aromatic chemicals were off 1.8 percent. The average 12.5 percent increase in production covered a still

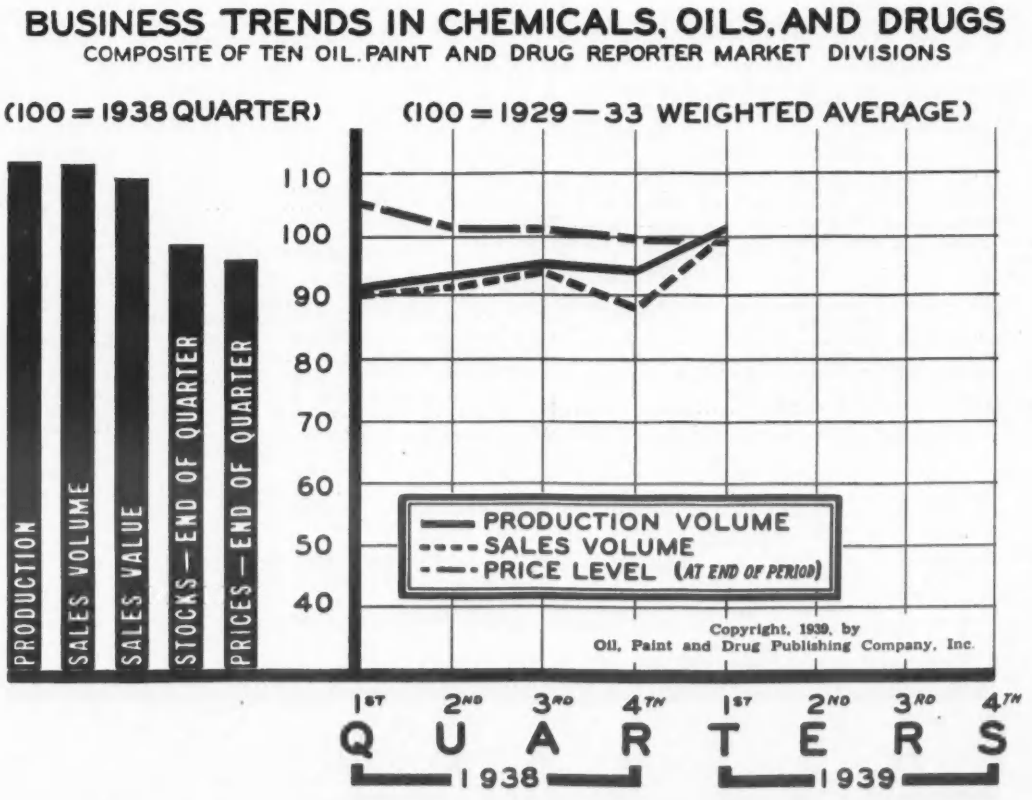
—*Turn to page 22*

Chemicals, Oils, Drugs

Conditions: First Quarter, 1939

(100=Corresponding period in 1938)

Production	112.5
Sales valume	112.2
Sales value	109.1
Stocks, March 31	99.3
Prices, March 31	95.3
Exports—$132,655,518	94.6
Imports—$81,648,913	98.9
Credit conditions	Unchanged
Outlook	Brighter



Closing Market Developments

Lemon Oil Up Sharply

Quotations on lemon oil were advanced sharply last Friday. California oil was raised 25c. per pound to make a market that was very firm at $2.40 per pound. Italian oil was quoted $2.75 to $3.25 per pound according to brand and seller.

Cottonseed Oil Firmer

Refined cottonseed oil futures were firmer on Friday in company with outside markets. Offerings were light and local traders covered. Closing prices showed a moderate advance as compared with the final quotations of the previous week, with July at 6.94c. and October 7.08c.

Tin Salts Firm

A firm price tone prevailed in the market for tin derivatives late in the week. The Straits metal reached the 49¼c. per pound level, but failed to reflect in any further price changes for tin salts. The International Tin Committee decided to leave unchanged for the second quarter of 1939 the export quotas of members adhering to the tin shipment restriction agreement. The quota is 40 percent of basic tonnages.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Castor Seed:—The United Kingdom has reduced the drawback of the import duty paid on foreign castor seed used in the manufacture of castor oil for export, from 21s. per ton to 16s. 6d. per ton of oil.

Cobalt:—The exportation of cobalt ore from St. Pierre and Miquelon has been prohibited. France has prohibited the exportation, re-exportation, transit and transshipment of cobalt except under certain conditions.

Cosmetics:—Polish regulations concerning the composition, packing and marking of domestic and imported cosmetics sold in the country have been revised, to provide stricter control.

Fats, Animal:—Refined animal fats are exempted from duty when imported into Eire for the manufacture of goods other than shortening.

Gum Arabic:—Imports into French Indo-China of gum arabic in the natural state has been made subject to a duty of 10 francs per 100 kilos.

Linseed Meal:—The general tax on imported and domestically produced linseed oil cake and meal has been reduced in Sweden from 0.05 to 0.04 crown per net kilo.

Annual Wage Contracts Must Be Filed

OPD Washington Bureau
April 27, 1939

Employers claiming exemption from the maximum hours and overtime provisions of the fair labor standards act because they have "1,000 hour" or annual wage contracts with certified representatives of their employees, are required, under new regulations issued today by Administrator Elmer F. Andrews to keep a copy of the agreement on the premises. In addition, they must file copies of such agreements and of all subsequent amendments or additions thereto within thirty days after they are made, with the administrator in Washington. These regulations pertain to sections 7 (b) (1) and (2) of the act.

Copies of collective bargaining agree-

—*Continued on page 50*

Wage-Hour Law Revision Progresses

OPD Washington Bureau
April 27, 1939

Early consideration of amendments to the wage and hour law is expected in the house as the committee on labor approved a bill to modify the law in several respects. The measure is tentatively scheduled to be called up early next week.

The principal changes are greater exemption for agricultural workers, authority for the administrator to issue rulings and regulations, and exemption from the hours provision of office workers receiving more than $200 a month.

Chemical Prices Still Weak

Price changes were relatively numerous in the markets for heavy and fine chemicals last week; some of them were important. The effects of advances and of reductions were closely balanced, with a trifling advantage to the latter. Lower prices on blue vitriol and local quotations on liquid chlorine were features. They were offset by higher prices on tin derivatives.

Prices were advanced on Straits tin, stannous chloride, tin crystals, tetrachloride of tin, stannate of soda, bisulphate of mercury, red and yellow iodides of mercury, gray powder, soft mercurials, electrolytic copper, gum rosin, Rasak copal chips, No. 1 agar, and imported blood albumen.

Prices were reduced on blue vitriol, liquid chlorine in cylinders locally, perchloroethylene, trichloroethylene, ephedrine and its salts, gum turpentine, blackstrap molasses at New Orleans, mangrove bark, dried blood at Chicago, menhaden scrap, and Japanese sardine meal.

The REPORTER's composite index number of prices for heavy and fine chemicals was not appreciably affected, remaining at 125.8 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 89.0, compared with 89.4 at this time last year, and 89.5 in 1937.

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Chemical Workers Show Increase

Employment Up 0.1 Percent —Payroll Totals Show Gain Payrolls Above 1938 Figures

Employment in factories engaged in the manufacture of chemicals and related products in the United States noted an increase of 0.1 percent from February 15 to March 15, according to the Bureau of Labor Statistics. At the end of the monthly period employment was 0.7 percent below the corresponding level of March 15, 1938. Payrolls showed an increase of 1.4 percent from February 15 to March 15 and stood 3.5 percent above the corresponding level for 1938.

The Bureau of Labor Statistics index number for factory employment in the chemical group of industries March 15 was 116.3 (100 equals 1923-25 average), compared with 116.1 for February and 113.4 for March last year. For payroll totals the index number was 130.7 (same basis), compared with 129.6 for February and 118.5 for March last year.

The Bureau's general index numbers for all manufacturing industries March 15 showed the following comparisons:—

	March, 1939.	Feb., 1939.	March, 1938.
Employment	91.3	90.7	87.7
Payroll totals	86.8	85.4	77.1

Employment in the chemical group of industries March 15 was 2.7 percent above the average for all industries.

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War Reserves Bill Passed by House

OPD Washington Bureau
April 25, 1939

The house today passed the Faddis bill for the purchase of reserve stocks of critical and strategic minerals and other war materials and substituted it for the language of the Thomas bill (S. 572) on the same subject, previously passed by the senate.

The bill now goes to conference to compose differences in the two measures. The house bill authorizes appropriation of $100,000,000 for a four-year program; whereas, the senate bill authorizes only $40,000,000. The house bill also authorizes acquisition of strategic materials from other nations as a credit against war debts or in exchange for surplus domestic agricultural products.

Chief debate on the measure involved efforts of many representatives, chiefly from Western States, to favor domestic materials in building up war reserves wherever possible. They contended

—*Continued on page 33*

McK.&R. Inventories Show Little Variation

In a paper read April 24 before a meeting of the Controllers Institute of America, here, E. S. Coldwell, senior industrial engineer of Ford, Bacon & Davis, disclosed that the check of McKesson & Robbins warehouse stocks, made by his company for the trustee, while not entirely completed, "had turned out well and indicated no important variations." This was the first announcement respecting the McK. & R. inventory check since Ford, Bacon & Davis was employed last December.

Joining in the discussion which followed the delivery of Mr. Coldwell's paper, William J. Wardall, trustee of McKesson & Robbins, said:

In the case of McKesson & Robbins, whose inventory Mr. Coldwell's firm has now practically finished checking, we sought a reasonable cross-section of stocks in warehouses scattered all over the United States. In addition to checking for quantity and pricing, a total of 590 samples of drug and liquor products were drawn from fifty-seven of the warehouses for examination. Of this total, 536 different items (380 of them drugs and 156 liquor products) were analyzed by an independent firm of consulting research chemists.

This inventory check began December 31, 1938, and is not yet fully completed.

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Chain Store Tax Increase Bill Rejected by Florida

The Florida senate finance committee has rejected a bill calling for chain store license taxes as high as $1,200 a store. The present State licenses range from $10 for a single store to $400 for each store of chains of sixteen or more units.

Drug Hazard Fight Urged by F.T.C. Aid

OPD Washington Bureau
April 24, 1939

A plea to State and local health officers to work for more stringent State food, drugs, and cosmetics laws and to report all instances of foods, drugs, and cosmetics suspected of violating Federal laws was made at the annual conference of State and Territorial health officers of the U. S. Public Health Service today, by Dr. K. E. Miller, senior surgeon of the service and the medical adviser to the Federal Trade Commission.

Dr. Miller outlined the work of the Federal Trade Commission in supervising advertising under the Wheeler-Lea act and warned the State officials that much harm is being done to the public through self-medication with improper drugs. He declared that, by rousing the public to this evil, sales of such products will be decreased more effectively than through legal action. He said:—

There is one law transcending all others—that of diminished sales returns. With the public sufficiently aroused to the evils of such products, their fears are reflected in a lessened buying response. This is the one law more potent than all others inducing manufacturers to revise their formulas in the interests of safety. The State and local health agencies can, through properly executed publicity measures, create this reaction against all pro-

—Continued on page 45

Drug Laws Enacted In Three States

Only four States have so far this year enacted new food, drug, or cosmetic legislation, although the legislatures of most States have been in session this Spring and a model draft of a uniform State food, drug, and cosmetic law was prepared by a committee of State enforcement officials. One of the new laws applies only to cosmetics.

Indiana and North Carolina have enacted new laws based on the State officials' model; both are effective January 1, 1940.

Nevada enacted a law, now in effect, covering foods, drugs, and cosmetics; it contains many provisions of the model draft, but differs in some respects.

Wyoming enacted a cosmetic measure, following the cosmetic sections of the model, and this is now in effect.

The legislatures of several States have adjourned for the session, and in others various drug and cosmetic bills are pending in different stages.

In New York, a drug and cosmetic bill, based on the State officials' draft, has passed the assembly and is expected to receive early action in the senate.

In Pennsylvania a similar "model" drug and cosmetic bill has been favorably reported in the house.

In the California legislature half a dozen bills are pending, none following the State officials' model; one of them has been amended in committee to include most of the language of the "model" draft, but with some changes. In that State, food laws and drug laws are enforced by separate agencies.

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TNEC Schedules Seven Hearings

OPD Washington Bureau
April 26, 1939

A schedule of hearings running into July, with few interruptions, was announced today for the Temporary National Economic Committee by its chairman, Senator Joseph C. O'Mahoney of Wyoming.

Subjects to be covered are milk, beryllium, consumer problems, savings and investment, European cartels, building construction and petroleum. The petroleum hearing had previously been announced under a new procedure by which the industry will take the initiative in presenting evidence. The other hearings will receive reports of staff studies made for the TNEC.

The beryllium hearing is tentatively set for May 8, when the Department of Justice will present material on this industry as an example of the problems of developing a new product. The other presentations will follow in order, petroleum being reached about the middle of June.

Details of the material to be presented have not yet been released, but

—Continued on page 50

German Goods Duty Order Is Modified

OPD Washington Bureau
April 25, 1939

A modification of the Treasury Department order imposing countervailing duties on imports from Germany was made today by the Bureau of Customs.

The new order authorizes collectors of customs to dispense with the requirement that estimated additional duties of 25 percent of the invoice price be deposited and that liquidation of entry be suspended pending investigation in the case of articles purchased at retail for personal use of gifts, or articles in respect to which the collector is satisfied that the full purchase price has been paid and no export bounty is involved.

Drug Label Leniency Offered Wholesalers

OPD Washington Bureau
April 27, 1939

The problem of improperly labeled wholesalers' stocks of foods, drugs, and cosmetics on hand when the new law takes effect is one of the matters to be treated with the administrative consideration and tolerance promised by the Food and Drug Administration, it is learned authoritatively.

When the new law takes effect, whether this be June 25, 1939, or January 1, 1940, it will be illegal to ship in interstate commerce any goods whose labels do not comply, regardless of when the goods were manufactured or who owns title to them. However, officials of the Food and Drug Administration take the view that, if the goods are not dangerous to health as defined by the law, were acquired by dealers in good faith prior to the effective date of the law, and the manufacturer is complying with respect to goods manufactured after the effective date, public interest will not ordinarily require that the goods be relabeled before they can be shipped.

On the other hand, the officials promise to be on guard against any instance in which this forecast of administrative leniency may be used to unload quantities of misbranded goods in an attempt to evade the law. Similar situations have arisen in the past with regard to official preparations the specifications for which were changed by revision of the United States Pharmacopeia, and sufficient time has usually been allowed to dispose of dealers' stocks.

A.S.T.M. to Discuss Paint Testing

New developments in the testing of paints, varnishes, lacquers and related materials will be discussed, together with numerous other technical subjects, at the forty-second annual meeting of the American Society for Testing Materials, to be held in the Chalfonte-Haddon hall, Atlantic City, June 26-30. Throughout the meeting there will be in progress an exhibit of testing apparatus and related equipment, and also the society's photographic display, which this year will be devoted to the theme "Testing and Research in Engineering Materials."

The discussion on paint testing, sponsored by the committee D-1, calls for the presentation by outstanding technologists of ten or twelve lantern slide talks covering concisely particular phases of the general subject. It is anticipated two or three hours will be devoted to this session at which comments and discussion will be invited from chemists and engineers who are active in this field. G. G. Sward, of the National Paint, Varnish and Lacquer Association, is chairman of a special committee on arrangements.

A round-table discussion will be held on the effect of substratopheric temperatures on the properties of metals, which will take in such fields as oil refining, aircraft, railroads and various chemical processes involving refrigeration. While a number of papers have been presented on this subject since H. W. Russell presented his paper on "The Effect of Low-Temperatures on Metals and Alloys" in 1931 in the

—Continued on page 54

Loss Leader Ban Bill Passage Delayed in N.Y.

Albany, N. Y., Apr. 27, 1939

The Esquirol-Parsons "loss-leader" bill was advanced to third reading in the senate today, but was subsequently ordered starred on the third reading calendar. Such designation indicates that the bill cannot be moved for final passage until a motion is made.

The bill which previously passed the assembly, was opposed earlier in the week by the committee on state legislation of the Association of the Bar in New York city. The committee contended that apart from the possible economic effect the bill would raise serious constitutional questions as a veiled attempt to fix prices of goods in a business not affected with the public interest. It further held that since the law did not state any standard as to what constitutes an unfair diversion of trade, it would be impossible to determine whether any sales below the defined cost, except that specifically exempted from the operation of the State, would be free of the elements made criminal by the bill.

The committee pointed out that the bill would not apply to clearance sales, perishable articles sold to forestall loss, sales of damaged merchandise, liquidation sales, sales to the government, or judicial sales.

Belknap Says Industry Is a Clearing House

St. Louis, Apr. 29, 1939

Industry is nothing more or less than a clearing house in which raw materials, work, and finished products are exchanged for money, Charles Belknap, executive vice-president of the Monsanto Chemical Company, says in the annual review of Monsanto operations and finances released today for the information of Monsanto employees throughout the world. Mr. Belknap comments:—

Most people think industry is a plant or collection of plants where people work and receive money for what they do. As far as it goes, the idea is right, but it touches on only one phase of industry. Something must happen before any work can be done and something must happen after the work is finished. That is why we must see industry as it really is—a clearing house.

A chart in the review portrays a plant and the various factors that must enter it to produce products, wages and dividends for the three groups dependent upon it—customers, employes and stockholders. Mr. Belknap stresses the dependence of each upon the other:—

Each phase of the clearing house is completely dependent upon all the other phases. That is why, when we say business is good, we really mean the exchange for money of raw materials, work, and finished products is going forward at a normal rate. Likewise, when we say business is poor, we mean that the rate of exchange in our clearing house has slowed down.

The review carries a balance sheet showing what the company took in in cash and for what purposes it spent it. This discloses that, of the $15,452,208

—Continued on page 54

Retail Druggists Urged To Push Fair Trade Goods

Retail druggists were urged to cooperate with manufacturers effectively enforcing their fair trade contracts by Robert R. Gerstner, president of the New York Pharmaceutical Council, which held its annual meeting at the Hotel Pennsylvania, this city, April 25 and 26. Mr. Gerstner advised retailers not to "push" long-profit, private brand products in competition with fair trade items which offer a fair margin of profit. He also recommended the introduction of legislation which would make it mandatory that a registered pharmacist be in charge at all times in all hospital dispensaries, whether publicly or privately owned.

Mr. Gerstner urged the reorganization of the council along county lines, recommended that the name of the organization be changed to "Metropolitan Pharmaceutical Council" and that the Westchester County Pharmaceutical Association and the Nassau-Suffolk Retail Pharmacists' Association be invited to affiliate with the council.

The council approved resolutions asking that the National Association of Retail Druggists be invited to hold its 1940 convention in this city; that in the event that some form of health insur-

—Continued on page 30

Lea Bill Endorsed By Senate Subcommittee

OPD Washington Bureau
April 28, 1939

The subcommittee of the senate committee on commerce, of which Mrs. Hattie W. Caraway is chairman, has informally agreed, without meeting, to recommend to the full committee at its meeting May 3 that the committee consider the Lea bill without hearing. This is the bill, passed by the house, that would postpone until January 1, 1940, the provisions of the new food, drug, and cosmetic law with respect to certified coaltar colors and certain labeling requirements. Consumer groups are reported to be demanding a hearing on the bill.

So far little opposition to the bill has openly developed, and the probabilities are that it will be favorably reported by the committee and passed by the senate. Officials of the Food and Drug Administration are still not in favor of the measure, and W. G. Campbell, chief of the administration, has sent to Senator Josiah W. Bailey, chairman of the commerce committee, a carbon copy of the letter he wrote to Chairman Lea of the house committee before that body acted and before the Secretary of Agriculture issued his statement of the department's views on postponement.

Secretary Wallace is expected to sign the coaltar color regulations within a day or two.

Nothing more has been done on the proposal to amend the new law to permit enforcement by a cease-and-desist procedure, although department officials are studying the plan and preparing to draft suitable language for submittal to the senate committee.

An indication of consumers' attitude toward the Lea bill was afforded last week when a woman, giving her name as "Mrs. Edna Gibbs, California," wearing dark glasses and carrying a placard saying that she had been blinded by dinitrophenol taken as a fat-

—Continued on page 46

F.T.C. Order Hits Special Brand Prices

OPD Washington Bureau
April 28, 1939

The Federal Trade Commission has ordered United States Rubber Company and one if its subsidiaries, U. S. Tire Dealers Corporation, both of New York, to discontinue price discriminations and payment of special commissions in violation of the Robinson-Patman act in the sale of automobile tires and tubes.

Price discriminations or special commissions were found to have been made or paid in the sale of United States Rubber Company products in favor of certain mail order and chain store organizations, oil companies and other large dealers and certain users and consumers through the respondents' own retail outlets.

Besides U. S. Tire Dealers corporation, other operating subsidiaries are Gillette Rubber Company, Eau Claire, Wis., and the Samson Tire and Rubber Corporation, Los Angeles.

The order prohibits price discriminations, by or through the subsidiaries or other corporations controlled by the respondent. Atlas Supply Company, Western Auto Supply Company, Western Auto Supply Agency of Los Angeles, and Arkansas Fuel Oil Company, on the one hand, and independent tire dealers, by selling special brand tires to Montgomery Ward and the four other companies named at net realized

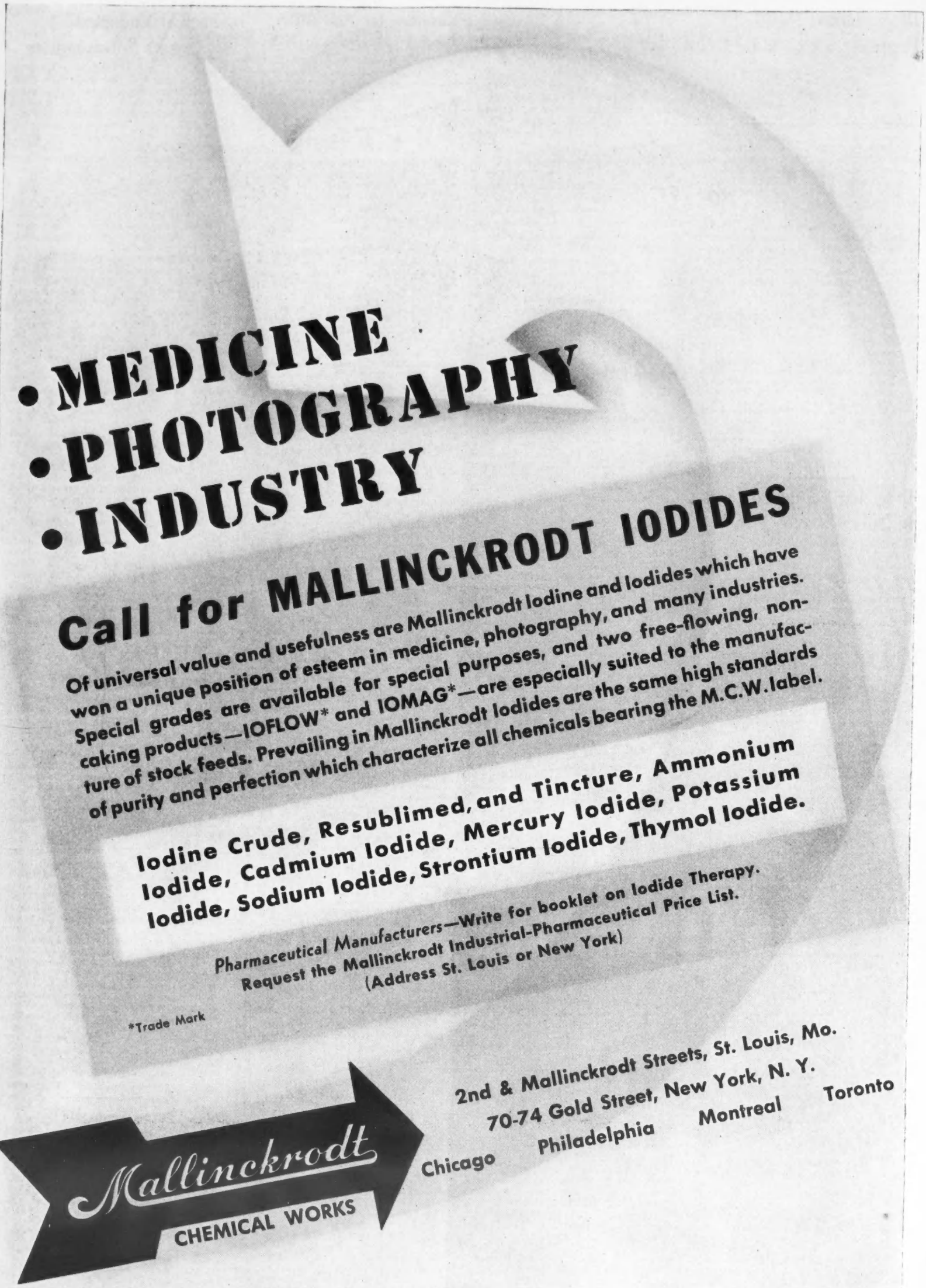
—Continued on page 41

Murphy to State Antitrust Law Policy

OPD Washington Bureau
April 27, 1939

Attorney-General Frank Murphy today announced that, within a few days, he will release a lengthy statement outlining the present antitrust law policy of the Department of Justice.

He declared that examination of this statement will reveal no back-tracking on the part of the department and that its enforcement policy will be discriminating and effective in an effort to make the antitrust laws constructive rather than destructive. He indicated that the department will be ready to confer with business interests seeking to comply with the law, but that it will not make commitments which might prevent it from bringing investigations or prosecutions later.



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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, dms., 55 & 110 gls., works..lb. .11 - —
5 & 10 gls., works.....lb. .14 - —
Acetamide, CP, kgs., 5,000 lbs., a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100 lb. lots, works.....lb. .55 - —
5 to 50-lb. lots, works.....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
200-lb. lots, works.....lb. .30 - —
100-lb. lots, works.....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —
Acetanilide, tech., bbls.....lb. .22 - —
95%, bbls.....lb. .29 - —
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs., 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .65
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¼- —
tanks, dlvd.....lb. .04¾- —
Methyl (see M)
Acetophenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs. .....lb. 1.02 - —
25 lbs. .....lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville..lb. .08¾- —
l.c.l., same terms.....lb. .09 - —
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys. .....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys.100 lbs.14.00 - —
99.5%, bbls.....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
USP, bbls.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
synth., 99.3%, al. dms., 100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.93 - 9.18
USP, al. dms.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys. .....100 lbs. 4.16 - 4.41
60%, bbls.....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys. .....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11½
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, USP, bbls., 200 lbs..lb. .50 - —
boxes, 25 lbs.....lb. .51 - —
kgs., 100 lbs.....lb. .50 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .22 - .25
Ascorbic, bots., dms.....oz. 2.75 - 3.00
Battery, cbys, c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .69
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - (57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, dlvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -123.00
powd., bbls., contracts, 80 tons, dlvd, ton..111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., dlvd.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00

USP, $25 per ton higher.

Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .12 - .12½
Caproic, dms., works.....lb. .35 - .40
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .12½- .13
Chlorosulphonic, dms., c.l., works..lb .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., dlvd. N.Y. lb. .15¼- .17¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Acid citric, cryst., gran., bbls., car lots..lb. .20 - —
10,000-lb, lots, one shipt. lb. .20½- —
smaller lots.....lb. .21 - —
anhyd., gran., dms., 10,000 lbs., 1 shipt..lb. .23 - —
smaller lots.....lb. .23½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls.....lb. .57 - —
Coconut oil, dist., dms.....lb. .09¼- .09¾
Corn, dist., dms.....lb. .08¼- .08¾
Cottonseed oil, dist., dms....lb. .06½- .07
tanks .....lb. .06 - —
Cresylic, high-boil, special resin grade, dom., c.l., works, frt. equaled.....gal. .63 - —
l.c.l., same basis.....gal. .64 - —
other grades, dom., c.l., frt. equaled..gal. .58 - —
l.c.l., same basis.....gal. .59 - —
low-boil, dms., c.l., works frt. equaled..gal. .69 - —
l.c.l., same basis.....gal. .71 - —
imported, pale, dms.....gal. .51 - .55
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital)
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l..lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11½- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1320
Fumaric, bbls.....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .73
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 - —
single bbls.....lb. .80 - —
fib. dms., 25 lbs.....lb. .81 - —
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls.....lb. .45 - —
Hydriodic, 47%, bots.....lb. 2.30 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct., cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works....lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .07½
lead cbys.....lb. .09 - .09½
48%, lead cbys.....lb. .11½- .12
52%, lead cbys.....lb. .12½- .13
60%, lead cbys.....lb. .15 - .15½
Hydrofluosilic, 30-35%, 420 lb. bbls..lb. .09 - .09½
Hypophosphorus, USP, 30%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11½
plastic grade.....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12½
plastic grade .....lb. .13¼- .14½
80%. 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .43 - .45
USP, VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., tech., dms....lb. .11¾- .12¼
Laurent's, bbls. .....lb. .45 - —
Linseed oil, dark, dms.....lb. .10 - .10½
light, dms.....lb. .11 - .11½
extra white, dist., dms....lb. .11¾- .12¼
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l. .....lb. .25 - —
dms., l.c.l. .....lb. .26 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots. .....lb. 2.30 - —
dms., 1,000 lbs...lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit...lb. .05 - .06
sulphuric unit .....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l. 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9 works..100 lbs. 2.70 - —
tanks, works .....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works....100 lbs. 3.20 - —
tanks, works .....100 lbs. 1.65 - —
Acid, muriatic, cryst., gran., bbls., car lots..lb. .21 - —
6-lb. bots.....lb. .18½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Naphthenic, acidity, 120-200 dms., c.l..lb. .07 - —
210-230, dms., c.l.....lb. .09 - —
240-280 dms., c.l.....lb. .10 - —
Sludge, dms., c.l.....lb. .05 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9 works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works.. 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.. 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works.. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP., dealers, cbys...lb. .11½- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works. lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, white, dist., dms..lb. .06¼- .06¾
tanks .....lb. .05¾- —
Phenylacetic, bots.....lb. 1.75 - 3.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys.....lb. .07½- —
USP, 85%, s. g. 1,710 cbys., 180 lbs..lb. .12 - —
50%, s. g., 1,347 cbys., 70 lbs..lb. .12 - —
djns., 25 lbs.....lb. .13 - —
10%, dilut., cbys., djns..lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst., cns.....lb. 1.45 - 1.63
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms.....lb. .17¾- —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .40
Sebacic, C.P., bbls., works..lb. No prices
tech., bbls., works.....lb. No prices
Soybean oil, dist., dms.....lb. .08 - .08½
Stearic, distil., double pressed, bgs., dlvd..lb. .10½- .11⅛
single pressed, bgs., dlvd..lb. .10 - .11
triple pressed, bgs., dlvd..lb. .13¼- .14¼
saponif., double pressed, bgs., dvd..lb. .10¾- .11⅜
triple pressed, bgs., dlvd..lb. .13¼- .14½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.68
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100lbs. 1.25 - —
l.c.l., 25 and over, works. 100lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works..... 100 lbs. 1.50 - —
l.c.l., 25 and over, works.. 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP, dealers, cbys...lb. .06½- —
9-lb. bots.....lb. .16½- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .18 - —
fuming, 20%, tanks, E. works. ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms.....lb. .40 - .47
USP, fluffy, bbls., 1,000 lbs.— 100-lb. lots.....lb. .90 - —
25-lb. lots.....lb. .93 - —
powd., bbls., 1,000 lbs.....lb. .78 - —
smaller lots.....lb. .80 - —
Tartaric, USP, dom., cryst. gran., powd., bbls., 10,000 lbs. or more, one shipment. lb. .27½- —
kgs. .....lb. .28¼- —
smaller quantities.....lb. .27¾- —
Tobias, bbls.....lb. .60 - .65
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic, CP, kgs., wks.....lb. 2.35 - 2.55
Chem. grade, kgs., wks....lb. 1.70 - 1.80
Aconite, leaves, bls.....lb. .25 - .26
Root, bls.....lb. .26 - .27
Aconitine, amorph., bots.....oz.17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots.....oz.30.00 - —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms.....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar 1, bls.....lb. 1.00 - 1.05
3, bls.....lb. .68 - .70
Agaric, white, bls.....lb. 3.00 Nom.
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld..lb. .13 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis..lb. .18 - —
light, dom., flake, dms., f.o.b. Chicago, frt. alld..lb. .52 - .60
import, bgs.....lb. .55 - .60
Egg, ed., dom., cryst., bbls., lb. .62 - .65
dom., pwd., dms., bbls., lb. .67 - .73
import, cs.....lb. .62 - .65

Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .111 - —
l.c.l., frt. alld.....lb. .121 - —
tanks, frt. alld.....lb. .101 - —
Benzyl, cans.....lb. .68 - —
drums .....lb. .63 - —
Butyl, normal, cns., works..lb. .13 - .15
dms., c.l., frt. alld.....lb. .08½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt. alld.....lb. .07½- —
tankwagon, frt. alld.....lb. .08 - —
secondary, dms., c.l., frt. pd., E. of Miss. R..lb. .068 - —
l.c.l., same terms.....lb. .073 - —
tanks, same terms.....lb. .058 - —
tertiary, denaturing, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l., dms.....lb. .95 - —
import, 85%, 100-lb. dms...lb. .55 - —
5 to 10 lbs.....lb. .75 - —
com'l., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.90
Denatured, CD14, dms., c.l., works, E..gal. .20½- —
l.c.l., works, dms.....gal. .31½- —
tanks, E., works.....gal. .21½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works..gal. .26½- —
19 bbls., E. works...gal. .28½- —
1 to 18 bbls., E. works, gal. .31½- —
dms., c.l., E. works....gal. .25½- —
19 dms., E. works...gal. .27½- —
gal. .30½- —
tanks, E. works.....gal. .19½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E. works..gal. .26½- —
20 dms., E. works...gal. .28½- —
1 to 19 dms., E. works, gal. .31½- —
tanks, E. works.....gal. .20½- —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, contract, dms., c.l., dlvd..lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
cns., works.....lb. .13½- .15¼
tanks, dlvd.....lb. .08 - —
tech., contract, dms., c.l., dlvd..lb. .08½- —
l.c.l., dlvd.....lb. .09 - —
cns., works.....lb. .13 - .15
tanks, dlvd.....lb. .07½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.53 - —
19 bbls.....gal. 4.56½- —
1 to 18 bbls.....gal. 4.59½- —
dms., c.l.....gal. 4.49 - —
19 dms.....gal. 4.52½- —
1 to 18 dms.....gal. 4.58½- —
tanks .....gal. 4.46 - —
absolute, dms., c.l.....gal. 4.84½- —
19 dms.....gal. 4.88 - —
1 to 18 dms.....gal. 4.91 - —

Grain alcohol 25c. gal. higher.

Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms.....lb. .07 - —
Isopropyl, refd., 91%, dms., 5 gal., f.o.b. dest..gal. .65 - —
55 gal., c.l., same basis.gal. .33½- —
l.c.l., same basis....gal. .38½- —
tanks, frt., alld.....gal. .28½- —
99%, dms., 5 gal., same basis, gal. .65 - —
55 gal., c.l., same basis, gal. .36 - —
l.c.l., same basis ....gal. .41 - —
tanks, same basis.....gal. .31 - —
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.50 - 3.35
Propyl, normal, dms., works, gal. .70 - —
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y., lb. .44 - —
450 lb. lots, same basis..lb. .50 - —
cns., f.o.b., Cedar Rapids, Ia. lb. .55 - —
Aldehol, denat, grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite, bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works, lb. .15 - —
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .11 - .12
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .18½- .20
Curacao, cs.....lb. .42 - .43
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .45 - .50
Aloin, 140-lb. bbls.....lb. 2.65 - 2.80
100-lb. kgs.....lb. 2.67 - 2.82
25-lb. fib, dms.....lb. 2.74 - 2.80

Alphanaphthol—Black, Ivory

Alphanaphthol, bbls.	lb.	.52	—
Alphanaphthylamine, bbls.	lb.	.32	—
Althea root, USP, cube cut, bbls.,	lb.	.30	.32
peeled, bls.	lb.	.24	.25
Alum, ammonia, burnt, USP, bbls.,	kgs. lb.	.16	.18
gran., bbls., works	100 lbs.	3.15	—
dlvd. N.Y., Phila.	100 lbs.	3.15	—
lump, bbls., works	100 lbs.	3.40	—
dlvd., N.Y., Phila.	100 lbs.	3.40	—
powd., bbls., works	100 lbs.	3.55	—
dlvd. N. Y., Phila.	100 lbs.	3.55	—

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N. Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works,	100 lbs.	3.40	—
dlvd., N.Y., Phila.	100 lbs.	3.40	—
lump, bbls., works	100 lbs.	3.65	—
dlvd. N.Y., Phila.	100 lbs.	3.65	—
powd., bbls., works	100 lbs.	3.90	—
dlvd. N.Y., Phila.	100 lbs.	3.80	—

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls.	lb.	.06¼-	.06½
Soda, bbls., c.l., works	100 lbs.	3.25	—
l.c.l., dlvd.	100 lbs.	4.25	- 5.00
Alumina acetate, 20%, normal solut., bbls., c.l., dlvd.	lb.	.07½	—
l.c.l., dlvd.	lb.	.09	—
82%, basic solut., bbls., c.l., dlvd.	lb.	.10	—
l.c.l., dlvd.	lb.	.12	—
basic powd., bbls., dlvd.	lb.	.40	—
smaller containers, dlvd.	lb.	.50	—
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works	lb.	.06	—
12,000 to 40,000 lbs., works	lb.	.07	—
1,100 to 11,000 lbs., works,	lb.	.08	—
140 to 875 lbs., works	lb.	.09	—
100 lbs. or less, works	lb.	.10	—
cryst., com'l, dms., c.l., works	lb.	.06	—
l.c.l., dms., works	lb.	.06½	—
solution, 32 deg., cbys., c.l., works	lb.	.02¾	—
l.c.l., cbys., works	lb.	.03¼	—
Formate, 30%, solut., bbls., c.l., dlvd.	lb.	.13	—
l.c.l., dlvd.	lb.	.15	—
Hydrate, heavy, bbls., c.l., works.	lb.	.0290	—
l.c.l., bbls.	lb.	.03½	—
bgs., c.l.	lb.	.0260	—
light, bbls., dlvd.	lb.	.12	—
Oleate, dms., contr	lb.	.16¾	—
open order	lb.	.17½	.18½
Palmitate, precip., bbls.	lb.	.23	—
Resinate, precip., dms., dlvd.	lb.	.15	—
Stearate, precip., bbls., ctns., c.l.	lb.	.16	—
l.c.l., ton	lb.	.17	—
less than ton	lb.	.21	—
Sulphate, com'l, bgs., c.l., works, frt. equald.	100 lbs.	1.15	—
l.c.l., works, frt. equald.	100 lbs.	1.40	—
bbls., c.l., works, frt. equald.	100 lbs.	1.35	—
l.c.l., works, frt. equaled	100 lbs.	1.60	—
iron-free, bgs., c.l., works.	100 lbs.	1.30	—
l.c.l., works	100 lbs.	1.55	—
bbls., c.l., works	100 lbs.	1.50	—
l.c.l., works	100 lbs.	1.75	—
Aruminum, 98-99%, c.l.	lb.	.20	—
l.c.l.	lb.	.21	—
paste, lining, extra fine, dms.,	1,500 lbs. lb.	.46	—
ink, dms., 1,500 lbs.	lb.	.75	—
standard, dms., 1,500 lbs.	lb.	.43	—
powder, lining, extra fine, dms.,	1,500 lbs. lb.	.92	—
standard, dms., 1,500 lbs.	lb.	.57	—
litho, extra brilliant, dms.,	1,500 lbs. lb.	.43	—
extra fine, dms., 1,500 lbs.	lb.	.47	—
lining, dms., 1,500 lbs.	lb.	.57	—
standard, dms., 1,500 lbs.	lb.	.42	—
rubber compound, dms., 1,500 lbs.	lb.	.40	—
unpolished, dms., 1,500 lbs.	lb.	.37	—
varnish, extra brilliant, dms.,	1,500 lbs. lb.	.43	—
extra fine, dms., 1,500 lbs.	lb.	.47	—
standard, dms., 1,500 lbs.	lb.	.42	—

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs., for partial shipments on contracts, prices are 3c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 20,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins	oz.	17.00	-36.00
Aminopyrine, fib., dms., 100 lbs.	lb.	4.00	—
bots., 5 lbs.	lb.	4.22	- 4.26
Ammonia, acetate, bbls., kgs.,	dlvd. lb.	.27	- .33
dms., dlvd.	lb.	.23	- .26
Aldehyde, dms.	lb.	.65	- .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.). works	lb.	.04¼	—
refrigeration, tanks, works.	lb.	.05	—
pure, cyls., dlvd., met. N.Y.	lb.	.16	—

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.	lb.	.05	—
dms., c.l.	lb.	.02	—
l.c.l.	lb.	.02¼	—
tanks (on NH_3 content), f.o.b. S. Chicago or Detroit.	lb.	.04	—
grade B (ammonia liquor) tanks (on NH_3 content), f.o.b. Chicago or Detroit.	lb.	.03¾	—
Benzoate, dms., 4,000 lbs. or more	lb.	.40	- .42
1,000 lbs. to 3,900 lbs.	lb.	.41	- .43
900 lbs. or less	lb.	.42	- .46
kgs., 4,000 lbs. or more	lb.	.40	—
1,000 lbs., to 3,900 lbs.	lb.	.41	—
900 lbs. or less	lb.	.42	—
Bicarbonate, bbls., c.l., works.	100 lbs.	5.15	—
l.c.l., dlvd., N. Y.	100 lbs.	5.71	—
Bichromate, bbls.	lb.	.30	- .32
Bifluoride, bbls.	lb.	.14½	- .16½
Borate, bbls., kgs.	lb.	.15	- .16
Bromide, gran., bbls.	lb.	.35	—
bxs.	lb.	.38	- .39
kgs.	lb.	.36	—
Carbonate, tech., dom., bbls.	lb.	.08	- .12¼
imported, cake.	lb.	.08	- .12¼
Ammonia, carbonate, USP, lump, dms.	lb.	.08	- .17
powd., bbls., dms.	lb.	.09	- .26
Chloride, tech. (see Ammoniac, sal).			
USP, gran., 225 lb. bbls.	lb.	.12	- .18
100 lb. kgs.	lb.	.15	—
Citrate, dms.	lb.	.80	—
cns.	lb.	.85	—
Fluoride, bbls.	lb.	.17	- .19
Hydroxide, (see Ammonia, aqua),			
Hypophosphite, dms.	lb.	1.25	- 1.27
jars	lb.	1.35	—
Iodide, 5-lb. bots.	lb.	3.52	—
jars	lb.	3.46	—
Linoleate, 80%, anhyd., bbls.	lb.	.11	—
Molybdate, kgs., wks.	lb.	1.06	- 1.20
Nitrate, tech., bgs., c.l., works.	100 lbs.	2.60	—
l.c.l., works	100 lbs.	2.85	—
bbls., c.l., works	100 lbs.	3.80	—
l.c.l., works	100 lbs.	4.05	—
Oleate, dms.	lb.	.11	—
Oxalate, neutral, powd., bbls., kgs.	lb.	.19	- .20
pure, gran.	lb.	.32	—
Perchlorate, kegs	lb.	.16	- .18
Persulphate, kgs.	lb.	.21	- .22
Phosphate, dibasic, N.F.V., bls.,	lb.	.37	—
kgs.	lb.	.39	—
tech., bbls., c.l.	lb.	.07½	—
l.c.l.	lb.	.09	- .10
monobasic, crude (fert. grade), 11% N 48% phos- bulk, f.o.b. E. works.	unit-ton.	1.20 &	.70
pure, bbls.	lb.	.40	- .45
tech., bbls., c.l.	lb.	.07½	—
l.c.l.	lb.	.09	- .10
Salicylate, U.S.P., kgs.	lb.	1.15	- 1.20
Silicofluoride, imp., 350-lb. bbls., f.o.b. N.Y.	lb.	.09	—
5 bbls., same basis	lb.	.08½	—
Stearate, anhydrous	lb.	.22	—
paste	lb.	.06½	—
Sulphate, dom., bulk, c.l., f.o.b. April-June shipt.	ton.	28.00	—

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 40-45%, basis 100%, dms., c.l., dlvd.	lb.	.08	—
l.c.l., works	lb.	.12	- .13
tanks, dlvd.	lb.	.07½	—
red, 48%, cbys., works	lb.	.07¼	—
dms., works	lb.	.05½	—
yellow, 33%, cbys., works	lb.	.07½	—
dms., works	lb.	.05½	—
Sulphocyanide, pure, 98-100%, kgs.	lb.	.55	- .75
Ammoniac, gum (see Gum, ammoniac).			
sal. gray, dom., bbls., c.l.,	100 lbs.	5.50	- 5.75
l.c.l.	100 lbs.	6.00	- 6.70
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l.	100 lbs.	4.90	- 5.05
import, csks.	100 lbs.	4.90	- 5.05
Amyl acetate, ex fusel oil, dms., c.l., dlvd.	lb.	.10½	- .11½
l.c.l., dlvd.	lb.	.11	- .12
tanks, dlvd.	lb.	.09½	- .10
cns., works	lb.	.15	- .17
ex pentane, dms., c.l., frt., alld.	lb.	.10½	—
l.c.l., frt., alld.	lb.	.11½	—
tanks, frt., alld.	lb.	.09½	—
Alcohol (see Alcohol amyl).			
Butyrate, dms., 50 gal., returnable	lb.	.75	—
Caproate, cns.	lb.	2.75	—
Chloride, normal, dms., works,	lb.	.56	—
small lots, works	lb.	.68	—
mixed, tech., dms., c.l., works.	lb.	.0565	—
l.c.l., works	lb.	.0665	—
tanks, works	lb.	.0465	—
Nitrite, bots.	lb.	1.80	- 1.85
Mercaptan, dms., l.c.l., works.	lb.	1.10	—
Oleate, dms., l.c.l., works	lb.	.25	—
Salicylate, bots., 5 lbs.	lb.	.61	—
cns., 25 lbs.	lb.	.51	—
Stearate, dms., l.c.l., works.	lb.	.26	—
Amylene, dms., c.l., works	lb.	.102	—
l.c.l., works	lb.	.11	—
tanks, works	lb.	.09	—
Anethol, bots.	lb.	1.00	- 1.05
Angelica root, dom., bls.	lb.	.21	- .23
import, natural, bls.	lb.	.20	- .22
twisted, bls.	lb.	.29	- .30
Angostura bark, bls.	lb.	.30	- .31
Aniiin oil, dms., c.l.	lb.	.15	—
l.c.l.	lb.	.16	—
tanks	lb.	.14½	—
Salt, dms., works	lb.	.22	- .24
Anise, Spanish, bgs.	lb.	.16	- .16½
Star, bgs.	lb.	.16¼	- .16¾
Anisic aldehyde, bots.	lb.	3.00	- 3.10
Annatto paste, bxs.	lb.	.34	- .39
seed, bgs.	lb.	.06½	- .07
Anthracene, 80-85%, bbls., wks.,	lb.	.55	—
90%, bbls., wks.	lb.	.65	—
Anthraquinone, 99.6%, subl., bbls.,	lb.	.65	—
Antimony butter (see Antimony Chloride)			
Chloride, solut., cbys.	lb.	.17	—
Metal, spot	lb.	.11½	—
Needle, powd., ton lots, bulk,	lb.	.12	Nom.
bbls., kgs.	lb.	.14	- .16
Oxide, bbls., c.l.	lb.	.11	—
l.c.l.	lb.	.11¾	—
Salts, 65%, kgs.	lb.	.25¾	- .27
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c.	lb.	.11½	- .14¼
Antipyrene, bbls., kgs., ton lots,	lb.	2.00	—
smaller lots.	lb.	2.10	- 2.15
Apomorphine, bots.	oz.	23.20	-23.70
Archil extract, con., bbls.	lb.	.21	- .27
double, bbls.	lb.	.18	- .20
triple, bbls.	lb.	.18	- .20
Areca nuts, powd., bbls.	lb.	.10	- .11
Arecoline hydrobromide, bots.	oz.	4.35	- 4.50
Argols, test 70% to 95%, basis 100%, 100 kgm., purity, 100	kilos.	32.00	-34.00
Arnica flowers, bls.	lb.	.29	- .30
Root, bls.	lb.	.37	- .38
Arrowroot, St. Vincent, powd., bgs.	lb.	.08	- .08¾
bbls.	lb.	.08½	- .09
Arsenic, metal, lump, cs.	lb.	.40	- .41
Chloride (arsenous), cns.	lb.	4.85	—
Iodide (arsenous), 5-lb. bots.	lb.	5.35	—
jars	lb.	5.20	—
Red, import, cs.	lb.	.15¾	- .16¼
Trioxide (see Acid, arsenous).			
White, powd., kgs., c.l.	lb.	.03	—
l.c.l.	lb.	.03¾	—
Asafetida, cs.	lb.	.23	- .24
powd., bbls., bxs.	lb.	.37	- .38
Asbestine (see Talc, N. Y. fibrous			
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines	ton.	42.50	—
5R, bgs., c.l. (20 tons), Canad. mines	ton.	40.00	—
6D, bgs., c.l. (30 tons), Canad. mines	ton.	30.00	—
7D, bgs., c.l. (30 tons), Canad. mines	ton.	25.00	—
7F, bgs., c.l. (30 tons), Canad. mines	ton.	23.00	—
7H, bgs., c.l. (30 tons), Canad. mines	ton.	19.00	—
Asbestos fiber, 7K, bgs., c.l. (30 tons), Canad. mines	ton.	16.50	—
7M, bgs., c.l. (30 tons), Canad. mines	ton.	14.00	—
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.	lb.	.03½	—
smaller lots, f.o.b. N. Y.	lb.	.03½	—
AA, bgs., 20 tons, f.o.b. N.Y.	lb.	.03½	—
smaller lots, f.o.b. N. Y.	lb.	.10½	—
California, dms., c.l., f.o.b. N. Y.	ton.	29.00	—
l.c.l., f.o.b. N. Y.	ton.	36.50	—
Cuban A, bgs., c.l., f.o.b. N. Y.	ton.	60.00	—
l.c.l., f.o.b. N. Y.	ton.	90.00	—
B, bgs., c.l., f.o.b. N. Y.	ton.	35.00	—
l.c.l., f.o.b. N. Y.	ton.	55.00	—
Egyptian, bgs., c.l., f.o.b. N.Y.	lb.	.12	—
l.c.l., f.o.b. N. Y.	lb.	.15	—
Gilsonite, brilliant black, bgs., c.l., Western shipt. points.	ton.	32.90	—
seconds, bgs., c.l., Western shipt. points.	ton.	25.50	—
selects, bgs., c.l., Western shipt. points.	ton.	30.50	—
l.c.l., f.o.b., N. J. or N. Y., whse.	ton.	51.00	—
Jet., bgs., c.l., Western shipping points.	ton.	30.50	—
Manjak (see Asphaltum, Barbados).			
Mexican, Texas, dms., c.l., refinery.	ton.	19.00	—
l.c.l., refinery	ton.	21.00	—
tanks, refinery	ton.	16.00	—
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery.	gal.	.18	—
dms., c.l., E. cst., refinery.	gal.	.12	—
tanks, Calif., refinery	ton.	12.50	-14.00
East Coast, refinery	gal.	.06	- .06½
Ill., Ind., refinery	gal.	.06½	—
N. Orleans refinery	gal.	.06	—
Atropine, bots.	oz.	5.25	- 5.80
Sulphate, bots.	oz.	2.85	- 2.95
cns.	oz.	2.75	- 2.80

B

Balm of Gilead buds, bgs.	lb.	.26	- .28
Barberry bark, bls.	lb.	.17½	- .18
Tree bark, bls.	lb.	.09	- .10
Barbital, cs.	lb.	3.25	- 3.30
Barium carbonate, natural, 90-96%, grd., bgs., c.l., works,	ton.	41.00	-43.00
99% thru 200 mesh, bgs., c.l., works	ton.	43.00	-45.00
precip., bgs., c.l., works	ton.	52.50	—
Chicago	ton.	55.00	—
l.c.l., works	ton.	57.50	—
Chicago	ton.	60.00	—
bbls., c.l., works	ton.	57.50	—
Chicago	ton.	60.00	—
l.c.l., works	ton.	62.50	—
Chicago	ton.	65.00	—
sulphur-free, bgs., c.l., works,	ton.	57.50	—
l.c.l., works	ton.	62.50	—
Chlorate, kgs.	lb.	.16½	- .17½
Chloride, C.P., cryst., bbls.	lb.	.25	—
kgs.	lb.	.27	—
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line	ton.	77.00	—
bbls., same basis	ton.	79.00	—
l.c.l., bgs., same basis.	ton.	90.00	—
bbls., same basis	ton.	92.00	—
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla.	ton.	81.00	—
bbls., same basis	ton.	83.00	—
Zone 2, bbls., l.c.l., bgs., same basis	ton.	94.00	—
bbls., same basis	ton.	96.00	—
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz.	ton.	87.00	—
bbls., same basis	ton.	89.00	—
l.c.l., bgs., same basis,	ton.	100.00	—
bbls., same basis	ton.	102.00	—
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev.	ton.	83.00	—
bbls., same basis	ton.	85.00	—
bbls., l.c.l., same basis,	ton.	96.00	—
bbls., same basis	ton.	98.00	—
Dioxide, dms.	lb.	.11	- .15
Fluoride, bbls.	lb.	.11½	- .12½
Fluosilicate, bbls.	lb.	.11½	- .12½
Hydrate (see Hydroxide).			
Hydroxide, bbls, 46-48%	lb.	.04¾	- .05¾
Iodide, bots.	lb.	4.45	- 4.50
Monoxide (see Oxide).			
Nitrate, cks.	lb.	.06¾	- .07¼
Oxide, dms.	lb.	.09	- .11
Peroxide (see Dioxide).			
Sulphate, tech. (see Barytes and blanc fixe).			
X-ray, bbls.	lb.	.09½	- .10
kgs.	lb.	.12	—
Barytes, dom., floated, bbls., c.l., St. Louis	ton.	23.65	—
l.c.l., ex whse., Boston,	ton.	36.00	—
Chicago	ton.	31.15	—
Cleveland	ton.	33.50	—
New York	ton.	32.00	—
paper bgs., c.l., St. Louis,	ton.	22.85	—
l.c.l., ex car, Baltimore,	ton.	30.70	—
Boston	ton.	31.70	—
Philadelphia	ton.	30.50	—
ex whse., Baltimore	ton.	32.10	—
Boston	ton.	35.20	—
Chicago	ton.	30.35	—
Cleveland	ton.	33.00	—
Detroit	ton.	33.00	—
Kansas City	ton.	30.93	—
Los Angeles	ton.	42.00	—
New York	ton.	31.50	—
Philadelphia	ton.	31.90	—
San Francisco	ton.	42.00	—
Toronto	ton.	39.50	—
southern off color, bulk, mines.	ton.	12.00	—
95.75%, bulk, mines	ton.	16.00	—
ore, bulk, mines	ton.	7.00	—
Cuban, crude, c.l., c.i.f.	ton.	11.00	—
German, grd., bbls., c.l., dock, t.a.	ton.	25.00	-26.00
l.c.l., ex whse.	ton.	30.00	—
German, ungrd., bulk, c.l., ex dock	ton.	13.00	-14.00
Italian, grd., bbls., c.l., ex dock, t.a.	ton.	29.50	Nom.
l.c.l., ex whse.	ton.	32.50	—
Bauxite, bulk, mines	ton.	7.00	-10.00
Bay leaves (see Laurel leaves)			
Bay rum, import, bbls.	lb.	.82	- .90
Bayberry bark, bgs.	lb.	.14	- .15
Belladonna leaves, bls.	lb.	.12½	- .14
Root, bls.	lb.	.18	- .20
Bentonite, 200 mesh, bgs., Wyo., works	ton.	11.00	—
325 mesh, bgs., Wyo., works,	ton.	16.00	—
Benzaldehyde, tech., cbys., dms.,	lb.	.60	- .70
USP, X, dms., 50 to 100 lbs.	lb.	.85	—
5 to 25 lbs.	lb.	.90	- .95
Benzene (see benzol).			
Benzidin base, bbls.	lb.	.70	—
Benzol, 90%, nitration, pure, dms., works.	gal.	.21	—
tankcars, frt. alld. E. of Omaha	gal.	.16	—
W. Coast, f.o.b. Minnequa, Colo.	gal.	.16	—
Benzoyl chloride, cbys.	lb.	.23	- .26
Peroxide, pure, gran., fib. ctns., works.	lb.	1.95	—
Benzyl acetate, f.f.c., cns.	lb.	.49	—
dms.	lb.	.44	—
Alcohol (see Alcohol, benzyl).			
Benzoate, a.m.a., f.f.c., cans.	lb.	.94	—
dms.	lb.	.89	—
Chloride, 95.97%, refd., dms.,	lb.	.19	- .21
Cinnamate, cns.	lb.	4.15	- 5.00
Formate, cns.	lb.	2.75	- 3.50
Benzylidineacetone, bots.	lb.	2.00	- 3.00
Berberine bisulphate, cns.	lb.	16.75	—
Hydrochloride, cns.	lb.	16.75	—
Sulphate, cns.	lb.	16.75	—
Berberis root, bls.	lb.	.11	- .12
Betanaphthol, sublim., kgs.	lb.	.60	—
tech., bbls., c.l., works	lb.	.23	—
l.c.l., bbls., works	lb.	.24	—
Benzoate, fib., dms.	lb.	2.10	—
kgs.	lb.	2.00	—
Betanaphthylamine, tech., kgs.	lb.	.51	—
Beth root, bls.	lb.	.17	- .20
Bismuth chloride, 5-lb. bots.	lb.	3.20	- 3.35
Citrate, USP, VIII, 5-lb. bots.,	lb.	2.76	—
jars	lb.	2.65	—
Hydroxide, 5-lb. bots.	lb.	3.27	—
cns.	lb.	3.15	—
Metal, ton lots	lb.	1.10	—
Nitrate, cryst., 5-lb. bots.	lb.	1.84	—
cns.	lb.	1.20	—
Oxychloride, 5-lb. bots.	lb.	3.04	—
cns., kgs.	lb.	2.95	—
Subbenzoate, 5-lb. bots.	lb.	3.36	—
fib., dms.	lb.	1.13	- 1.19
Subcarbonate, bots., cns.	lb.	1.62	- 1.80
fib. dms.	lb.	1.53	- 1.56
X-ray, 5-lb. bots.	lb.	2.42	—
fib. dms.	lb.	2.36	—
Subgallate, bots., cns.	lb.	1.67	- 1.99
fib. dms.	lb.	1.53	- 1.61
Subiodide, cns.	lb.	3.91	—
fib., dms.	lb.	3.88	—
Subnitrate, powd., bots., cns.,	lb.	1.42	- 1.46
fib. dms.	lb.	1.33	- 1.36
Subsalicylate, 62-66%, bxs.	lb.	2.44	—
bbls., fib. dms.	lb.	2.35	—
Sulphocarbolate, 5-lb. bots.	lb.	3.61	—
fib. dms.	lb.	3.50	—
Trioxide, powd., 5-lb. bots.	lb.	3.56	—
cns.	lb.	3.45	—
Bismuth-ammonia citrate, USP, powd., 5-lb. bots.	lb.	3.40	—
cns.	lb.	3.30	—
Bismuth-betanaphthol, 5-lb. bots.,	lb.	3.14	—
fib. dms.	lb.	3.05	—
Black, acetylene, c.l., works, duty paid.	lb.	.14	—
Bone, 1A, bbls., bxs., c.l., frt. alld. E.	lb.	.16	—
l.c.l., frt. alld. E.	lb.	.16¼	—
1, bbls., bgs., c.l., frt. alld. E.	lb.	.13	—
l.c.l., frt. alld. E.	lb.	.13½	—
2, bbls., bgs., c.l., frt. alld., E.	lb.	.10½	—
l.c.l., frt. alld. E.	lb.	.11	—
3, bbls., bgs., l., frt. alld. E.	lb.	.09¾	—
l.c.l., frt. alld. E.	lb.	.10	—
4, bbls., c.l., frt. alld. E.	lb.	.08¾	—
l.c.l., frt. alld. E.	lb.	.09	—
5, bbls., bxs., c.l., frt. alld. E.	lb.	.07¼	—
l.c.l., frt. alld. E.	lb.	.08	—
6, bbls., c.l., frt. alld. E.	lb.	.06¾	—
l.c.l., frt. alld. E.	lb.	.06	—
7, bbls., bgs., c.l., frt. alld E.	lb.	.09	—
l.c.l., frt. alld. E.	lb.	.09¼	—
8, bbls., bgs., c.l., frt. alld. E.	lb.	.10	—
l.c.l., frt. alld. E.	lb.	.10¼	—

Bone black prices on Pacific Coast are 1c. per lb. higher. ex dock or ex whse.

Carbon, special, 1, bgs., c.l., dlvd.	lb.	.09¾	- .04¾
bgs., ctns., l.c.l., dlvd.	lb.	.09¾	—
cs., l.c.l., dlvd.	lb.	.07¼	—
2, bgs., c.l., works	lb.	.06¼	—
l.c.l., dlvd.	lb.	.10¼	—
cs., l.c.l., dlvd.	lb.	.12	—
3, bgs., c.l., works	lb.	.12	—
l.c.l, dlvd.	lb.	.14¼	—
cs., l.c.l., dlvd.	lb.	.16¾	—
4, bgs., c.l., works	lb.	.27½	—
4, cs., c.l., works	lb.	.29	—
l.c.l., dlvd.	lb.	.32	—
5, bgs., cs., c.l., works	lb.	.40	—
cs., l.c.l., dlvd.	lb.	.44	—
6, cs., l.c.l., dlvd.	lb.	.60	—
7, cs., l.c.l., dlvd.	lb.	1.10	—
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra).	lb.	.03¾	—
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports).	lb.	.0310	—
50,000 lbs., dlvd., Zone C (Pac. Cst. States).	lb.	.0319	—
30,000 lbs., dlvd., Zone C, Pac. Cst. States.	lb.	.0335	—
D (Ill., Ia., Wis.).	lb.	.03¼	—
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.).	lb.	.0341	—
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.).	lb.	.03¾	—
G (Mexico) f.o.b. border,	lb.	.03	—
f.o.b. N. Orleans,	lb.	.029	—
l.c.l., f.o.b. whse.	lb.	.05¾	—
bgs. or ctns. (seller's option), l.c.l., dlvd.	lb.	.06¼	—

bulk, tanks, same price as bags in each zone.

cs., l.c.l., dlvd.	lb.	.07	—
export, full compressed, cs., f.a.s., Gulf ports.	lb.	.04¾	Nom.
uncompressed, cs., f.a.s. Gulf ports.	lb.	.05¼	Nom.

Charcoal (see C).

Graphite (see G).

Iron oxide, magnetic, 1, bbls., l.c.l., works	lb.	.07¾	- .08½
2, bbls., l.c.l., works	lb.	.07	—
pure, bbls., works	lb.	.08¾	—
Ivory, genuine, bbls.	lb.	.30	—

Black, Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Impert, 1, bbls., c.l., f.o.b., N.Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6 bbls., c.l., f.o.b. N.Y....lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y., lb. .04½- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black Haw, root bark, bls....lb. .20 - .21
Tree bark, bls.....lb. .12 - .13
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton.55.00 - —
l.c.l. .....ton.60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp 66⅔%, bulk, c.l., works, ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.80
l.c.l., works.....100 lbs. 2.25 - 2.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 2.75 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.00 - —
import, bgs., c.i.f. ports, shipt., unit-ton. 2.75 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1½c.; El Paso, 3c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higbed dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine, group G).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.50 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .43 - —
open order.....lb. .45 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
soluble, bbls., same basis alkali toner, contracts. lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 2.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .11 - —
regular, 1, bbls., works, frt. equald..lb. .16 - —
2, bbls. same basis.....lb. .18 - —
3, bbls., same basis.....lb. .19 - —
4, bbls., same basis.....lb. .20 - —
5, bbls., same basis.....lb. .23 - —
6, cobalt, A, bbls., same basis..lb. .27 - —
B, bbls., same basis..lb. .24 - —
C, bbls., same basis.lb. .23 - —
D, bbls., same basis.lb. .22 - —
7, A, bbls., same basis.lb. .23 - —
B, bbls., same basis..lb. .22 - —
special, 1, bbls., same basis. lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls., same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —
Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .13 - .14
Blue mass, USP., cns.....lb. 1.10 - —
powd., cns.....lb. 1.12 - —
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b., works..100 lbs. 4.25 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.40 - —
6-15 bbls., same basis, 100 lbs. 4.50 - —
1-5 bbls., same basis..... 100 lbs. 4.75 - —
Mononhydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 8.65 - 8.90
l.c.l. dealers.....100 lbs. 9.65 - 9.90
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.28.00 -29.00
import, bgs., c.i.f. ports..ton.26.00 - —
meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.27.00 - —
import, 100-lbs. bgs., c.i.f ports, shipt..ton.24.00 - —
phosphate, precip., (see Calcium phosphate dibasic, precip.)
steamed, dom., 1½% ammon., 60% phos. bgs., f.o.b., Chicago..ton.26.00 - —
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.24.50 - —
Boneset leaves, bales.....lb. .07 - .08
Borage flowers, bls.....lb. .17 - .18
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
Borax, tech., 99½%, gran., bbls., contracts, 80 tons min., dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse...ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots of 100 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. .....lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots. .....lb. 3.25 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .55
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 -1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls. .....lb. .10 - .11
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Brown, metalic, iron oxide, bbls., works..lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American bbls., works...lb. .03 - —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12½- —
Group 2, bbls., same basis, lb. .11¼- —
3, bbls., same basis...lb. .10¼- —
4, bbls., same basis...lb. .09¾- —
5, bbls., same basis...lb. .08¾- —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .08 - —
8, bbls., same basis...lb. .07¾- —
9, bbls., same basis...lb. .07¼- —
10, bbls., same basis..lb. .06¾- —
11, bbls., same basis..lb. .06¾- —
12, bbls., same basis..lb. .06¼- —
13, bbls., same basis..lb. .06 - —
14, bbls., same basis..lb. .05½- —
raw, American, bbls., works, lb. .02¾- —
Italian, Group 1, bbls., f.o.b. N.Y. or works..lb. .12½- —
Group 2, bbls., same basis, lb. .10¾- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09½- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .07¾- —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
Umber, American, bbls., works, lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —

Black, Lamp—Butyl Carbinol

Brown, umber, Turkey, ex whse, Boston..lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
l.c.l., ex whse., Kansas City..lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04⅞- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05½- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .30 - .32
Buckthorn bark, true, bls.....lb. .06 - .06½
cut and sifted, bbls.....lb. .9 - .11
Berries, bgs. .....lb. .16 - .17
Burdock root, bls.....lb. .10 - .10½
Burgundy pitch, dom., bbls...lb. .04 - .04¼
Butanes, coml., 16-34°, tanks, group 3..gal. .03¾- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., works..lb. .13 - .15
dms., c.l., frt. alld.....lb. .08½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, contract, frt. alld..lb. .07½- —
tankwagons, frt. alld.....lb. .08 - —
secondary, dms., c.l., frt. pd. E. of Miss. R...lb. .068 - —
l.c.l., same terms.....lb. .073 - —
tanks, same terms.....lb. .058 - —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).

For more than half a century paint manufacturers have identified the name Lavanburg with the highest quality of color pigment.

Backed by the latest research and technical equipment Lavanburg colors are now, more than ever, the "standard of quality" for paint, varnish and enamel formulators. Your inquiries are invited.

FRED. L. LAVANBURG
COMPANY, INC.
Division of Reichhold Chemicals, Inc.
Factory: BROOKLYN, N. Y. General Offices: DETROIT, MICH.

Butyl Chloride—Charcoal

Butyl chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .. ..lb. .23 - —
Crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .75 - —
5 & 10 gal. dms., dlvd....lb. 1.00 - —
Ether (see under Ether).
Lactate, dms .....lb. .22½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.61 - —
single jars .....lb. 1.66 - —
5-lb. bots.....lb. 1.80 - —
Iodide, 5-lb. bots. .....lb. 4.01 - —
25-lb. cns. .....lb. 3.87 - —
Lithopone (see Yellow)
Metal, pat. shapes, cs.....lb. .55 - —
commercial .....lb. .50 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs., or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs. .....lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more. lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs. .....lb. 2.43 - —
25 lbs. .....lb. 2.55 - —
10-lb. cans, 10,000 lbs. or more. lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
10-lb. cns., 1,000 lbs. or more..lb. 2.35 - —
100 lbs. .....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cans, 25 lbs., or more..lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns. .....lb. 1.80 - 2.10
Hydrobromine, bots. .....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .20 - .21
Calamus root, peeled, N.F., cs. lb. .14 - .15
bleached, bls. .....lb. .40 - .45
Calcium acetate, bgs., dlvd. 100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06½- .06¾
Southern cotton states, bgs., dms..lb. .06½- .06¾
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms., c.l., dlvd....lb. 4.75 - —
l.c.l., f.o.b. warehouse...lb. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd.ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.80 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns. .....lb. .62 - .67
Iodide, bots., jars.....lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs.lb. .23 - —
Nitrate, bgs., to fert. mfrs., ex vessel, No. Atlantic ports, or f.o.b. cars, So. Atlantic ports..ton.28.00 - —
Palmitate, bbls. .....lb. .22 - .28
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.l.f., Atlantic ports, shipt..unit-ton. .80 - —
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots .....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 70%, CaS, bgs., c.l., wks..ton.46.00 - —
50%, CaS, bgs., c.l., wks..ton.51.00 - —
luminous, dom., tins, works, 100 lbs..lb. .85 - —
Sulphocarbolate, bbls., 200 lbs..lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .28 - .30
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.52 - —
Camphor, natural, powd., cs...lb. .48½- .49½
slabs, cs.....lb. .48½- .49½
tablets, tins.....lb. .53½- .54
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots.....lb. .46 - —
1,000-lb. lots.....lb. .47 - —
500-lb. lots.....lb. .48 - —
100-lb. lots.....lb. .49 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs...lb. .0380- .0410
Morocco, bgs.....lb. .04½- .05
Turkish, bgs.....lb. .0390- .0420
Canella alba bark, bls.....lb. .29 - .30
Cantharides, Chinese, cs.....lb. .65 - .70
powd., bxs.....lb. .80 - .85
Russian, cs.....lb. .92 - .93
powd., bxs. .....lb. 1.10 - 1.15
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .09½- .10
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l. same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07¼
l.c.l., same basis.....lb. .08 - .08½
Carbon dioxide, cyls.....lb. .06 - .08
Tetrachloride, Zone 1, 52½ gal. dms., c.l., frt. alld. gal. .66½- —
l.c.l., frt. alld.....gal. .73 - —
5 or 10 gal., dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½ gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10 gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 3, 52½ gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. .93 - —
5 or 10 gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l.,frt. alld.....gal. 1.20 - —
Zone 4, 52½ gal. dms., c.l., gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10 gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. cars, L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2, includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3, includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M., and Texas. Zone 4, includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona

Cardamom, bleached, cs.....lb. 1.00 - 1.50
decorticated, cs. .....lb. .75 - .78
green, bgs. .....lb. .52 - .55
Carvol, bots. .....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .10 - .10½
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .07 - .07¾
5 tons, works.....lb. .08½- .09
smaller lots, works....lb. .09¾- .10
80-100 mesh, bgs., c.l., dlvd., lb. .07½- .08¼
5 tons, works.....lb. .09 - .09½
smaller lots, works.....lb. .10 - .10½
Import, Argent., 20-30 mesh, bgs., c.l., duty paid..lb. .08¾- .09
80-100 mesh, bgs., c.l., duty paid..lb. .09¼- .09½
French, 30 mesh, bgs., c.l., duty paid..lb. .09¼ Nom.
Cassia, Batavia, 1, bgs.....lb. .16 - .16½
shortstick, bls. .....lb. .12¾- .13¼
broken, bls. .....lb. .11½- .12
China, rolls, select, bls.....lb. .13½- .14
broken, extra, bls.....lb. .09½- .10
Saigon, bls. .....lb. .17¼- .17¾
Cassia, buds, cs.....lb. .15 - .15½
Cassia fistula, bskts.....lb. .08½- .09½
Castile soap, white, bars, cs., 40 lbs.11.75 -12.60
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5½%, ammon., bgs., c.l., works..ton.16.50 - —
import, bgs., c.l.f., ports, shipment..ton.19.00 - —
Catnep leaves, Southern, bls...lb. .18 - .20
western, bls. .....lb. .20 - .21
Celery seed, French, bge.....lb. .15 - .15½
Indian, bgs.....lb. .12½- .13
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., cs., frt. alld...lb. .36 - —
Acetobutyrate, 10,000 lbs. and over..lb. .50 - —
5,000 to 9,980 lbs.....lb. .505 - —
2,500 to 4,980 lbs.....lb. .51 - —
1,000 to 2,400 lbs.....lb .515.- —
100 to 900 lbs.....lb. .525 - .54
Acetopropionate, 10,000 lbs. and over..lb. .48 - —
5,000 to 9,980 lbs.....lb. .485 - —
2,500 to 4,980 lbs.....lb. .49 - —
1,000 to 2,400 lbs.....lb. .495 - —
100 to 900 lbs.....lb. .505 - .52
Triacetate, frt. alld.....lb. .42 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works .....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .21 - .27
Roman, bls.....lb. .28 - .32
Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis..ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —

This is one time correct weight is over-weight. When Tom McKnight, for seventeen years a Mathieson "filler", fills up those cylinders of liquid chlorine, he cannily sees to it that each cylinder "weighs in" at a bit above final weight. Then the excess gas is blown off to bring the cylinders to their exact weight and remove any non-condensable gases.

The same careful attention to detail marks every step of the process of preparing Mathieson Liquid Chlorine for the market.

Rigid care is exercised to preserve the original purity of the product. Every container is thoroughly cleaned, dried and inspected before filling. Valves and valve seats are completely cleaned, inspected, reconditioned, tested for leakage, and retested after the cylinders are filled.

Scrupulous attention to these and many other important details has brought Mathieson its enviable reputation as one of the most dependable sources of supply of liquid chlorine.

Mathieson Chemicals

THE MATHIESON ALKALI WORKS (INC.)
60 E. 42ND STREET, NEW YORK, N. Y.

SODA ASH...CAUSTIC SODA...BICARBONATE OF SODA...LIQUID CHLORINE...BLEACHING POWDER...HTH PRODUCTS...AMMONIA, ANHYDROUS and AQUA...
FUSED ALKALI PRODUCTS...CCH (INDUSTRIAL HYPOCHLORITE)...DRY ICE...LIQUID CARBON DIOXIDE...ANALYTICAL SODIUM CHLORITE...GYPSUM PRODUCTS

Charcoal, softwood, powd., bgs., c.l., dlvd., Kansas, El Paso, Tex..ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., wks..lb. .02 - —
l.c.l., bbls., wks.....lb. .02¼- —
tanks, wks.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
import, white, lump, bulk, c.l., ex dock, Balto, Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs.....lb. .86 - .98
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.03
dms., 1,000 lbs.....lb. .85 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorinated rubber, 5 cps., bgs., c.l., works..lb. .40 - —
ton lots, works.....lb. .42 - —
smaller lots, works.....lb. .45 - .50
10-1,000 cps., bgs., c.l., works, lb. .35 - —
ton lots, works.....lb. .37 - —
smaller lots, works.....lb. .40 - .45
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05¼- —
contracts, dlvd., N. Y..lb. .05¼- —
l.c.l., dlvd., N.Y.....lb. .07¼- —
tanks, single unit, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, wks., frt. equald., 100 lbs. 1.90 - —
2, works, frt. equald.100 lbs. 2.15 - —
1, works, frt. equald.100 lbs. 2.60 - —
Chloracetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml, 180-lb. cyls., works..lb. .80 - —
100 lb. cyls., works.....lb. .85 - —
5-25 lb. cyls., works.....lb. 1.00 - 1.15
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works...lb. .17 - —
solut., 8%, cs, bbls.....lb. .05 - .08
Cake, bulk, c.l., works.....ton.14.00 -15.00
Green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms..100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.30
Cinchona bark, quill, USP., 10 in., medium, cs..lb. .52 - .53
20 in., thick, cs.....lb. .60 - .61
20 in., medium, cs.....lb. .58 - .59
USP, broken quill, red, bgs., lb. .25 - .26
yellow, bgs.....lb. .25 - .26
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2 bls.....lb. .14½- .15
3 bls.....lb. .14¼- .14¾
Citral, bots.. cns.....lb. 1.40 - 3.10
Citrine ointment, jars, tubes..lb. .78 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.60 - 1.85
Clove, Madagascar, bls.....lb. .15 - .15½
Zanzibar, bls.....lb. .17 - .17½
Clover tops, bgs.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works.....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd., lb. .65 - .67
Carbonate, pwd., bgs., wks., lb. 1.25 - 1.60
Chloride, kgs., wks.....lb. .76 - 1.20
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .24 - —
Sulphate, dms.....lb. .09 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .14 - .15
Cocoa butter, lump, bgs., c.l..lb. .11 - .11¼
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .06½- .07
Blue, root, bls.....lb. .06 - .07
Colchicine, bots., 4 ozs.....oz.20.00 - —
single ozs.....oz.21.00 - —
Colchicum seed, bgs.....lb. .24 - .25
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .25 - .26
Colombo root, bls.....lb. .07 - .08
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .17 - .18
Copaiba balsam, Para, cns.....lb. .22½- .23
S. A., USP, cns.....lb. .23½- .24
Copper acetate, normal, bbls., dlvd..lb. .21 - —
smaller containers, dlvd..lb. .23 - —
Carbonate, 52-54 pc., bbls...lb. .14½- .15½
20%, bbls.....lb. .10½- .11½
Chloride, cryst., bbls.....lb. .13 - .14
Cyanide, tech., bbls.....lb. .34 - —
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .10¼- .10½
Nitrate, cryst., bbls.....lb. .1660- .1740
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .16¾- .17¾
red, com'l, 50-75%, kgs., f.o.b. N. Y..lb. .16¾- .17¾
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.19.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.45 - —
5-24, works.....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, shipt.....lb. .0185 Nom.
Coriander seed, Morocco, bgs..lb. .04¾- .04¾
bleached, bgs.....lb. .06½- .06¾
Corn sugar, chipped, bgs., c.l., dlvd..100 lbs. 3.04 - —
slabs, bbls., c.l .....100 lbs. 2.96 - —
solid, bbls., c.l.....100 lbs. 3.08 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.07 - —
43°, bbls., c.l.....100 lbs. 3.12 - —
Cornsilk, bls.....lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 1.32 - —
gran., powd., dms., 50 lbs. or more..lb. 1.17 - —
Cottonroot bark, bls.....lb. .10 - .11
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls....lb. .20 - .22
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .13½- .14
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .22¾- —
smaller lots, bbls.....lb. .23¼- —
kgs.....lb. .23¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works...gal. .13½- .14½
Coaltar, solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works..gal. .25 - —
tanks, works .....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .10 - —
l.c.l., same basis.....lb. .10½- —
special resin grade, dms., c.l., works..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Crotonaldehyde, 97%, 55 and 110 gal. c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works..lb. .15 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .24 - .25
2,000 lbs. to 10,000 lbs..lb. .25 - .26
1,000 lbs. to 2,000 lbs..lb. .26 - .27
200 lbs. to 1,000 lbs.....lb. .27 - .28

4% rotenone prices are 4c. per lb. less.

Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.

Cubeb berries, XX, bgs.....lb. .28 - .30
powd., cs.....lb. .30 - .31
Culver's root, bls.....lb. .14 - .16
Cumin seed, Algerian, bgs....lb. .08 - .08½
Morocco, bgs.....lb. No stocks.
Cutch, Philippine, extract, solid bags..lb. .04¼- .04½
Cyanamid, 27%NH₃, pulv., bgs., dlvd., contracts, NH₃-unit-ton. 1.15 - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —

D

Damiana leaves, bls.....lb. .15½- .16
Dandelion root, German, bls...lb. .14 - .15
Deertongue leaves, bls.....lb. .09½- .10
Degras, common, dom., bbls...lb. .07 - .08
English, bbls.....lb. .07 - .08
neutral, dom., bbls.....lb. .10 - .13
English, bbls.....lb. .10 - .13
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .24 - .28
2,000 lbs., to 10,000 lbs..lb. .26 - .30
1,000 lbs. to 2,000 lbs. lb. .28 - .32
200 lbs. to 1,000 lbs..lb. .30 - .34

4% rotenone prices are 6c. per lb. less.

Derris root, powd., contracts give no protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.

Derris, extract, 25% rotenone, bulk, cns..lb. 4.00 - 5.00
15% rotenone, bulk, cns....lb. 2.25 - 3.35
Devil's club, root bark.....lb. 1.50 - —
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.70 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.80 - —
Corn, canary, bgs., c.l., f.o.b., Chicago..100 lbs. 3.45 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.65 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.40 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.60 - —
Potato, import, bgs.....lb. .07 - .07¾
Diacetone (see under Alcohol).
Diacetyl, bots.....lb.10.00 - —
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
tanks, dlvd.....lb. .18 - —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17- —
l.c.l. .....lb. .20 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -35.00
l.c.l., ex whse.....ton.45.00 -150.00
import, bgs., c.l., c.i.f.....ton.30.00 - —
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l. .....lb. .52 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd. .....lb. .19½- —
tanks, dlvd. .....lb. .18 - —
cns., works .....lb. .23½- .25½
Sebacate, dms., wks.....lb. .45 - —
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0321- —
l.c.l. .....lb. .04 - —
tanks .....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .24 - —
l.c.l., works .....lb. .25 - —
tanks, works .....lb. .23 - —
Diethyl carbonate, coml., dms.lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works .....lb. .14 - —
tanks .....lb. .12 - —
Diethylanilin, dms. .....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works.....lb. .17 - —
Monobutylether, dms., works.lb. .23 - .24
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Digitalis leaves, dms.....lb. .37 - .38
Diglycol laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .13 - —
Stearate, bbls., c.l.....lb. .20 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs.....lb. .07½- .08
Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd. .....lb. .19 - —
tanks, dlvd. .....lb. .17½- —
Dimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd. .....lb. 1.05 - —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l., dms. .....lb. .24 - —
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls., 50° min., lb. .18 - —
Dinitrochlorobenzene, dms....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls. .....lb. .22 - —
Dinitrotoluene, dms. .....lb. .15½- —
oily, dms. .....lb. .09 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld.....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms. .....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls .....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs., or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls.....lb. .05¾- .06¾
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, Jamaica, bls., lb. .06 - .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .70
reeds, thin, cs.....lb. .80 - .85
Dubolsine sulphate, vis.....oz.34.50 -35.00

Dyes, coaltar, for coloring foods (certified colors) (numbers are those of Colour Index scale):—

Blue:—
Brilliant blue FCF, cans..lb.12.50- —
f180 Sodium indigo disulphonate, cns..lb.12.50- —

Green:—
Fastgreen FCF, cns.....lb.27.50- —
666 Guinea green B., cns. lb.13.50- —
670 Light green SF, yellowish, cns..lb.17.50- —

Red:—
184 Amaranth, cns.....lb. 3.15- —
778 Erythrosin, cns.....lb.17.50- —
80 Ponceau 3R, cns.....lb. 6.00- —
Ponceau 8X, cns.....lb. 5.75- —

Orange:—
150 Orange I, cns.....lb. 2.90- —

Yellow:—
10 Naphthol yellow S, cns..lb. 3.50- —
Sunset yellow FCF, cns.lb. 3.15- —
440 Tartrazin, cns.....lb. 3.15- —
22 Yellow AB, cns.....lb. 2.65- —
41 Yellow OB, cns.....lb. 2.65- —

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .95 - 1.00
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powdered.lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
280 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .95
326 Direct cast scarlet....lb. 2.00 - 2.35
304 Paper yellow.....lb. .55 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
383 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B....lb. .40 - .42½
496 Benzo purpurin 10B...lb. .40 - .50
502 Direct asurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast, black, FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45

Charcoal—Ephedrine

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
588 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .35 - .50
1177 Indigo, 20 p. c. paste..lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .30
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)

Black:—
865 Nigrosin derivatives..lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - -
1078 Alizarin cyanin green base..lb. 6.00 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green.....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
26 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
480 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenezene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).

Black:—
864 Nigrosin.....lb. .40 - —
Blue:—
860 Indulin.....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .85 - —
21 Chrysoidin R.....lb. .85 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet .....lb. .70 - —

Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).

Black:—
246 Naphthol blue black S, lb. .50 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.50 - —
923 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B...lb. 1.00 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .85 - —
235 Resorcin dark brown R lb. .86 - —
231 Bismarck brown G..lb. .52 - —
232 Bismarck brown R..lb. .27 - —
796 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green, lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Water-soluble:—
Red:—
31 Amidonaphthol red G, lb. .42 - —
87 Amidonaphthol red 6B, lb. .66 - —
79 Popceau R.....lb. .42 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A....lb. .60 - —
Water-soluble:—
Red:—
252 Brilliant crocein 3r..lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.60 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .68 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
440 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —

Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .16½- .17
Egg albumen (see Albumen).
yolk, bbls.....lb. .60 - .65
Elder flowers, bright, bls.....lb. .19 - .21
Elecampane root, bls.....lb. .09½- .10
Elm bark, grinding, bls.....lb. .10 - .11
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .24 - .25
Emetine hydrochloride, bots..oz.13.50 -14.00
Ephedra, bls.....lb. .09 - .10
Ephedrine, tins, 1,000 ozs....oz. 1.25 - —
tins, 100 ozs.....oz. 1.85 - —
Hydrochloride, tins, 1,000 oz., lots..oz. 1.25 - —
tins, 100 oz., lots.....oz. 1.35 - —
Sulphate, cryst., tins, 1,000-oz. lots..oz. 1.25 - —
tins, 100-oz. lots.....oz. 1.35 - —

MAY 1939

Epsom Salt—Gum, Thus

Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. ....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots....100 lbs. 2.85 - —
dried. dom., bgs., l.c.l...lb. .09 - .10
Ergot, USP, cns., dms.....lb. 1.35 - 1.40
Eserine, bots. .....oz.42.00 - —
Salicylate, bots. .....oz.33.00 -34.00
Sulphate, bots. .....oz.30.00 - —
Ether, acetic (see Ethyl acetate)
Butyl, dms., c.l., dlvd.....lb. .24½- —
l.c.l., dlvd. .....lb. .25 - —
cns. .....lb. .28 - .31
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .08 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs. .....lb. .14 - —
synth., dms., c.l., works...lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms. .....lb. .37 - .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .061 - —
l.c.l., frt. a...d. .....lb. .066 - —
tanks, frt. alld.....lb. .051 - —
95-98%, dms., c.l., frt. alld..lb. .0685- —
l.c.l., frt. alld.....lb. .0735- —
tanks, frt. alld.....lb. .0586- —
N. F., VI, 99% dms., 400 lbs..lb. .08 - —
cns., 35 lbs.....lb .12 - .13
USP, VIII, 90%, dms., 400 lbs..lb. .07 - —
cns., 35 lbs.....lb. .12 - —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .52
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55 and 110 gal. dms., dlvd..lb. .75 - —
5 and 10 gal. dms., dlvd...lb. 1.00 - —
Formate, cns., dms.....lb. .23 - .24
Iodide, bots.....lb. 5.01 - —
Lactate, 55-gal. dms., works, lb. .33½- —
5-gal. dms., works.....lb. .37½- —
Oxalate, dms., frt. alld.....lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Vanillin, 25 lbs. lots., cns., lb. 5.25 - —
5 lb. lots.....lb. 5.50 - —
1 lb. lots, cns.....lb. 5.40 - —
Ethylcellulose, contracts, bgs., c.l., frt. alld..lb. .45 - —
contracts, 500 lbs. or more, frt. alld..lb. .47 - —
500 lbs. or more, frt. alld., lb. .48 - —
100 to 499 lbs., frt. alld., lb. .50 - —
smaller lots, works.....lb. .55 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0545- .0650
West of Rockies, same basis..lb. .0595- .06
l.c.l., works, E. of Rockies, frt. alld..lb. .0644- .0650
West of Rockies, same basis..lb. .0694- .07
Ethyleneglycol, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .17 - .20
tanks .....lb. .15 - —
Monobutylether, dms., c.l., works..lb. .18 - —
l.c.l., works.....lb. .19 - .22
tanks, works.....lb. .17 - —
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Monoethylether, acetate, dms., c.l., works..lb. .13 - —
l.c.l., dms. .....lb. .14 - —
tanks, works.....lb. .12 - —
Monomethylether, dms., c.l., works..lb. .17 - —
l.c.l., works.....lb. .18 - —
tanks, works.....lb. .16 - —
Ethylidinanilin, dms.....lb. .45 - .47½
Eucalyptol, cns., dms.....lb. .55 - .57
Eucalyptus leaves, bls.....lb. .07 - .08
Eugenol, bgs., cns.....lb. 1.70 - 2.15
Euphorbia, bls.....lb. .05 - .06

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
glass, 20 mesh, bulk, works.ton. 9.75 -13.25
pottery, bulk, Me., works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .07¾- .08½
Indian, bgs. .....lb. .07½- .07¾
German, large, bgs.....lb. .18 - .19
small, bgs. .....lb. .12 - .13
Fenugreek seed, bgs.....lb. .03¾- .04¼
Ferric Sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .10 - —
smaller lots, works..lb. .11 - —
light, cs., 1,000 lbs. or over, works..lb. .11 - —
smaller lots, works..lb. .12 - —
water white, cs., 1,000 lbs., or over, works..lb. .12 - —
smaller lots, works...lb. .13 - —
Fir balsam, Canada ,cns....gal.10.50 -11.00
Oregon. bbls.....gal. 1.05 - 1.10
Fish berries, bgs.....lb. .08 - .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. 3.00 & .10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.51.00 -52.00
wet acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts..unit-ton. 2.50 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.l.f. ports, shipt-ton.47.00 - —
Flake, white, bbls., kgs.....lb. .10¼- —
Fleaseed, French, black, bgs..lb. .11¾- .12
Indian, blonde, bgs.....lb. .09 - .10
Fluorspar, dom., No. 1 ground, bulk, 96-98%, f.o.b. mines, net ton.30.00 - —
washed gravel, 85-5, f.o.b. Ill.-Ky. mines..net ton.17.00 - —
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..net ton.18.00 - —
Imported, 85.5, duty paid, long ton.23.50 - —
Formaldehyde, bbls., c.l., works, lb. .03¾- —
l.c.l. works.....lb. .06¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .12 - .14
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import, bgs., c.l., ex dock..ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .35
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .12½- .14
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls.....lb. .09½- .13
solid, dms.....lb. .17½- .19½

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .09 - .10
Gall extract, bbls.....lb. .22 - —
Gambier, common, cases.....lb. .06¾ Nom.
plantation, cases.....lb. .08 - .08½
Cubes, Singapore, cases....lb. .08¾- .09¾
Extract, bbls. .....lb. .06½- .09¾
Gasoline at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .06 - .06½
65 octane and above, tanks, gal. .06 - .06¼
California, 54-58, tanks...gal. .06½- .06
Gulf Coast, U.S. Motor, bulk, gal. .05¾- —
60-62, 390 e.p., bulk, export, gal. .05¾- —
60-62, 400 e.p., bulk, export, gal. .05¾- —
64-66, 375 e.p., bulk, export, gal. .05¾- —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04 - .04¼
63-66 octane, tanks....gal. .04½- .04½
67-69 octane, tanks....gal. .04½- .04¾
70-72 octane, tanks....gal. .04¾- .05½
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04 - .04¾
third grade, tanks..gal. .04 - .04½
63-66 octane, tanks....gal. .04¼- .04¾
67-69 octane, tanks....gal. .04½- .04¾
70-72 octane, tanks....gal. .04¾- .05
natural, 12-lb. v. p., tanks, gal. .03¼- .03½
14-lb. v.p., tanks.....gal. .03¾- —
18-lb. v.p., tanks.....gal. .02¾- .02¾
22-lb. v.p., tanks.....gal. .02¾- —
26-70 lb. v.p., tanks...gal. .02½- .02⅝
Pennsylvania, US motor, below 60 octane tanks.. gal. .04½- .04¾
65 octane, tanks.....gal. .06¼- —
52-56 450 e.p., naphtha, tanks..gal. .04¾- .05
Gelatin, silver, cs.....lb. .45 - .50
Geisemium root, bls.....lb. .11 - .12
Gentian root, bls.....lb. .07 - .07½
grd., bbls., bxs.....lb. .09½- .10
powd., bbls., bxs.....lb. .10½- .11
Geraniol, cns., dms.....lb. .67 - 3.00
Geranyl acetate, bots., dms...lb. 1.20 - 2.50
Ginger root, African, bgs.....lb. .04¾- .05¼
Cochin, lemon, bgs.....lb. .06¾- .07¼
Jamaica, bold, bgs.....lb. .12 - .13
grinding, bright, bgs...lb. .08½- .09
medium, bgs.....lb. .09½- .10
Japanese, bgs. .....lb. .05¾- .06¼
Ginseng fibers, cs. .....lb. 1.75 - 3.00
Root, cultivated, cs.....lb. 6.00 - 7.00
wild, Southern, cs.....lb.10.00 -14.00
Glauber's salt, anhyd. (See Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.18
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs. .....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
36/58, bgs., c.l., dlvd.....lb. .11 - —
l.c.l., dlvd.....lb. .11½- —
58/82 bgs., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
82/108, bgs., c.l., dlvd...lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
hide, calcimine type, 58 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/164, bgs., c.l., same basis, lb. .16½- —
l.c.l., same basis.....lb. .17 - —
67/122, bgs., c.l., same basis, lb. .17½- —
l.c.l., same basis.....lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
l.c.l., same basis.....lb. .19½- —
86/251.bgs.,c.l.,same basis.lb. .19½- —
l.c.l., same basis.....lb. .20½- —
92/283.bgs.,c.l.,same basis.lb. .20½- —
l.c.l., same basis.....lb. .21½- —
102/315. bgs., c.l., same basis, lb. .21 - —
l.c.l., same basis.....lb. .22 - —
113/347, bgs., c.l., same basis..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
125/379, bgs., c.l., same basis, lb. .23 - —
l.c.l., same basis.....lb. .24 - —
Glue prices for barrel packing, ¼c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., cns., l.c.l.....lb. .14½- .15
dms., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .12½- —
dynamite, dms.....lb. Nominal.
high gravity, dms., c.l., dlvd.lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11¾- —
saponification, basis 88% for industrial users, special colors, dms., returnable, c.l., dlvd..lb. .09 - —
l.c.l., same basis....lb. .09½- .10
tanks .....lb. .08¾- —
for refiners, dms., returnable, tanks, dlvd..lb. .08¾- .08¾
soapiye, basis 80%, dms., tanks, returnable, dlvd..lb. .07⅞- .07¾
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .38 - —
Stearate, dms.....lb. .24 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 -21.00
yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs.....lb. .11¼- .12
Goldenseal root, bls.....lb. 2.75 - 2.80
powd., bxs.....lb. 3.15 - 3.20
Grains of paradise, bgs.....lb. .40 - .45
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., amorph., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works....lb. .02½- —
65% graphitic, carbon, bbls., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .04¾- .04⅝
White, trcs.....lb. .05½- .05½
Yellow, trcs.....lb. .04⅞- .05
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis, lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
reduced, C.P., color content up 5%, same basis..lb. .06 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.). Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, C.P., color content up 5%, same basis..lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-15%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07¼- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis, lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼ —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
Chrome oxide, doms., pure, bbls..lb. .22 - —
ceramic, light shades, obls., c.l., works..lb. .28 - —
l.c.l., works .....lb. .30 - —
standard grade, bbls., works..lb. .21 - .22
Chrome, tetrahydroxide, bbls.lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.50 - —
emerald, kgs.....lb. 2.35 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08 - .09
Guaiac resin, cs.....lb. .27 - .28
strained, cs.....lb. .75 - .80
Wood, bls. .....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.65 - 1.91
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs.....lb. 1.00 - 1.05
Gum, aloe (see A).
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .10½- .11
white sorts, 1, bgs.....lb. .23 - .24
2, bgs.....lb. .21 - .22
white powd., bbls.....lb. .13 - .14
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .17 - .18
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. .38 - .39
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .34¾- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over: ¼c. higher for 1-9 bgs.
2, cloudy, white, bgs., c.l., same basis..lb. .26¾- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .17½- —
4, pale bold straw, bgs., c.l., same basis..lb. .18¼- —
5, pale, straw bold, bgs., c.l., same basis..lb. .14¼- —
6, pale amber bold, bgs., c.l., same basis..lb. .14¾- —
7, pale, straw bold, bgs., c.l., same basis..lb. .11¾- —
8, light amber bold, bgs., c.l., same basis..lb. .11¼- —
9, medium light amber, bold, bgs., c.l., same basis..lb. .08¾- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .09¼- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .07½- —
12, selected, bold sorts, bgs., c.l., same basis..lb. .06½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05¾- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .15¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06¾- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¾- —
17, pale, fingers, bgs., c.l., same basis..lb. .14¼- —
18, pale straw nubs, bgs., c.l., same basis..lb. .11¾- —
19, pale straw nubs, bgs., c.l., same basis..lb. .11¼- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .06¼- —
21, ordinary selected nubs, c.l., same basis..lb. .06⅜- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06½- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .06¼- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .12¾- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .06¼- —
Gum, copal, Congo, 26, pale, bold chips, bgs., c.l., same basis, lb. .06 - —
27, pals small chips, bgs., c.l., same basis..lb. .05¾- —
28, pale dust, bgs., c.l., same basis..lb. .04¾- —
East India, Batu, bold scraped, bgs., c.l., same basis..lb. .05 - —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis, lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03¾- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06⅜- —
unscraped, bgs., c.l., same basis..lb. .04¼- —
nubs and chips, bgs., c.l., same basis..lb. .04¼- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .11⅜- —
chips, bgs., c.l., same basis..lb. .05⅜- —
dust., bgs., c.l., same basis..lb. .03¾- —
nubs, bgs., c.l., same basis..lb. .09½- —
Singapore, Rasak, bold, bgs., c.l., same basis.....lb. .14 - —
chips, bgs., c.l., same basis, lb. .05¾- —
dust, bgs.,c.l.,same basis.lb. .03¾- —
nubs, bgs., c.l., same basis, lb. .09¾- —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .11½- —
light, bskts., c.l., same basis..lb. .13¾- —
Loba A, bskts., c.l., same basis. lb. .10¼- —
B, bskts.,c.l.,same basis.lb. .09¾- —
C, bskts., c.l., same basis. lb. .09 - —
CNE, bskts., c.l., same basis..lb. .06 - —
D, bskts., c.l., same basis, lb. .08¾- —
DK, bskts., c.l., same basis, lb. .05¾- —
dust, bskts.,c.l., same basis, lb. .06¼- —
Sambas and white split chips, bskts, c.l., same basis..lb. .14 - —
Singapore, dust., bskts., c.l., same basis..lb. .05½- —
spirit-soluble, CBB, bskts., basis..lb. .08¼- —
DBB, bskts., c.l., same basis..lb. .07¾- —
MA, bskts., c.l., same basis, lb. .05⅝- —
MB, bskts., c.l., same basis, lb. .05⅝- —
WS, bskts., c.l., same basis, lb. .07⅞- —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .06¼- —
chips, pale, bskts., c.l., same basis lb. .06½- —
chips, pale, small, bskts., c.l., same basis..lb. .07¼- —
extra pale sorts, bskts., c.l., same basis..lb. .08¾- —
nubs, bskts., c.l., same basis..lb. .10⅜- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .05⅞- —
Pontianak, bold, genuine, bgs., same basis..lb. .15¼- —
mixed, bgs., c.l., same basis..lb. .13⅜- —
split, bgs., c.l., same basis, lb. .12 - —
chips, bgs., c.l., same basis. lb. .07½- —
nubs, bgs., c.l., same basis. lb. .10½- —
Dammar, Batavia, A, cs., c.l., same basis as copal.lb. .20 - —
A/D, cs., c.l., same basis.lb. .14 - —
A/E, cs., c.l., same basis..lb. .11⅞- —
B, cs., c.l., same basis..lb. .18½- —
C, cs., c.l., same basis....lb. .14⅞- —
D, cs., c.l., same basis....lb. .12⅝- —
dust., cs., c.l., same basis.lb. .05⅝- —
E, cs., c.l., same basis....lb. .07⅝- —
F, cs., c.l., same basis...lb. .07¼- —
Singapore 1, cs., c.l., same basis..lb. .13⅝- —
2, cs., c.l., same basis....lb. .10⅝- —
3, cs., c.l., same basis....lb. .05⅝- —
chips, cs., c.l., same basis.lb. .09¼- —
dust., cs., c.l., same basis, lb. .05⅝- —
seeds, cs., c.l., same basis, lb. .07⅝- —
Elemi, cns., c.l., same basis as copal..lb. .08½- —
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contra or single shipt., 10,000 lbs., lb. .06 - .06¾
less than 10,000 lbs., same basis..lb. .06½- .07
dlvd., western N.Y., and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contra. or straight c.l. .....lb. 06¾- .07
l.c.l., same basis.....lb. .07 - .07½
dlvd., elsewhere, 75,000 lbs., contra. or straight, c.l..lb. .07 - .07½
l.c.l., same basis.....lb. .07½- .07¾
Euphorbium, cs. .....lb. .22 - .26
Galbanum, cs. .....lb. 1.00 - 1.50
Gamboge, pipe, cs.....lb. .55 - .60
powd., bbls.....lb. .60 - .65
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs. .....lb. .09 - .11
Gualac (see Gualac resin).
Karaya, bbls., bxs., dms....lb. .14 - .26
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, cs., c.l., same basis..lb. .12¾- —
pale, XXX, cs., same basis, lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins.....lb. 3.50 Nom.
Mastic, cs., c.l., same basis as copal..lb. .35 - .36
Myrrh, USP, cs.....lb. .39 - .40
Olibanum, siftings, bls.....lb. .07½- .10
tears, cs. .....lb. .18 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .15 - .19
Scammony, cs. .....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .35 - .37
sorts, bgs. .....lb. .09½- .09½
Talha, bgs.....lb. .07½- .08
Thus, bbls. .....220 lbs.14.50 -14.75

Gum, tragacant, Alleppo, 1 cs.lb. 2.25 - 2.85
2, cs. .....lb. 1.90 - 1.95
3, cs. .....lb. 1.60 - 1.65
flake, bgs. .....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equal.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00- —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.14.00 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N.Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.00 - —
terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.27.50 - —

H

Hawthorn berries, bgs.....lb. .20 - .21
Heliotropin, cryst., cns.....lb. 1.80 - 2.20
Hellebore, white, root, powd., bbls.lb. .11½- .12
Helonias root, bls.....lb. .53 - .55
Hematine crystals, bbls.....lb. .18 - .28
Hemlock bark extract, 25%, tan, c.l., bbls., works..lb. .03 - —
l.c.l., bbls., works.....lb. .03¼- —
tanks, works.....lb. .02⅝- —
Hempseed, Manchur, bgs.....lb. .05¼- .05½
Henbane leaves, bls.....lb. .15 - .16
Henna leaves, bls.....lb. .08 - .09
powd., bbls, bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 80-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexalin, dms.....lb. .80 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .38 - —
fib. ctns., works.....lb. .40 - —
more, works..lb. .30 - —
Homatropine hydrobromide, bots., 50 ozs..oz.13.00 - -
25 ozs.....oz.13.50 - -
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.65 - —
Hops, N. F., bls.....lb. .15 - .20
Horehound, bls.....lb. .08½- .09
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.17.25 - -
cns., 16 ozs.....oz.17.00 - -
Hydrochloride, bots., 4 ozs...oz.17.25 - -
cns., 16 oz. .....oz.17.00 - -
Sulphate, bots., 4 ozs.....oz.19.25 - -
cns., 16 oz. .....oz.19.00 - -
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
4lb ctns., works.....lb .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E.ofMiss.R.lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.18.00 -19.00
Hyoscyamine, bots.....oz.15.00 - —
Hydrobromide, bots.....oz.15.00 - —
Sulphate, bots.....oz.15.00 - —
Hypernic, cbys., bbls.....lb. .25 - —
ext., bbls. .....lb. .13 - —

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.30 - —
kgs., 150 lbs.....lb. 1.07 - —
less 5%, kgs., 150 lbs...lb. 1.07 - —
resubl., bots., 5 lbs.....lb. 1.85 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals.gal. 1.70 - —
cbys., 5 gals.....gal. 1.75 - 1.80
mild, bbls., 47 gals.....gal. .95 - —
cbys., 5 gals.....gal. 1.00 - 1.05
Iodoform, dms., 100 lbs.....lb. 3.95 - —
jars, 25 lbs.....lb. 4.05 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.10 - 1.15
powd., bxs.....lb. 1.20 - 1.25
Irish moss, ordinary, bls.....lb. .09 - .10
powd., 80-90 mesh, bbls...lb. .20 - .22
prime, bleached, bls.....lb. .18 - .21
Iron acetate, N. F. IV, cbys, 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd.....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equld..lb. .05 - .06
kegs, works, frt. alld. or equld..lb. .07½- .08
liquor, cbys., works, frt. alld. or equld..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
Iron, chloride, USP solut., cbys, works, frt. alld. or equld. lb. .6½- .07
djns .....lb. .07½- —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots .....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.99 - —
syrup, djns.....lb. .37 - .38
bots .....lb. .52 - —
Nitrate, comi., kgs.....lb. .02⅝- .03
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, USP, cryst., bbls., 275 lbs..lb. .04¼- —
dms., 100 lbs.....lb. .06½ —
Iron ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Iron-ammonia oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .096 - —
W. of Rockies, frt. alld..lb. .10 - —
55 gls., c.l., E. of Rockies, frt. alld..lb. .061 - —
W. of Rockies, frt. alld, lb. .06½- —
l.c.l., E. of Rockies, frt. alld..lb. .066 - —
W. of Rockies, frt. alld, lb. .07 - —
tanks E. of Rockies, frt. alld., lb. .051 - —
W. of Rockies, frt. alld..lb. .05½- —
Alcohol (see Alcohol).
Ether, dms., 5 gal., frt. alld., gal. .55 - —
55 gal., c.l., E. of Miss., frt. alld..gal. .35 - —
W. of Miss., frt. alld., gal. .39 - —
l.c.l., E. of Miss., frt. alld..gal. .40 - —
W. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld. gal. .25 - —
W. of Miss., frt. alld., gal. .29 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .15 - .18
powd., bbls., bxs.....lb. .20 - .22
Juniper berries, bgs.....lb. .05 - .05½

K

Kamala, tins.....lb. .20 - .21
Kaolin (see China clay).
Kava kava root, bls.....lb. .12½- .13
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks.gal. .04¼- .04⅝
Gulf ports, p.w., bulk, export, gal. .03⅝- .03⅞
w.w., bulk..gal. .04 - —
Louisiana - Arkansas, 41-43 w.w, bulk..gal. .04 - .04⅝
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03⅞- .04¼
42-44 w.w., tanks.....gal. .04½- .04⅝
Pennsylvania, 45 w.w., tanks, gal. .04⅝- .04⅝
46 w.w., tanks.....gal. .04¾- .05
47 w.w., tanks.....gal. .04⅞- .05⅛
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .08 - —
Chicago .....gal. .10 - —
Cincinnati .....gal. .13 - —
Denver .....gal. .11½- —
Louisville .....gal. .10 - —
Minneapolis .....gal. .104 - —
New Orleans .....gal. .11 - —
New York .....gal. .08¾- —
San Francisco .....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .07 - .08

L

Lady slipper root, bls.....lb. .39 - .40
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 6.75 - 7.00
Middlewestern, trcs....100 lbs. 6.95 - 7.05
Neutral, trcs.....100 lbs. 7.75 - 8.00
Western, choice, trcs..100 lbs. 7.05 - 7.15
Compound, trcs.....100 lbs. 8.75 - 9.00
Larkspur seed, bgs.....lb. .32 - .33
Laurel berries, bls.....lb. .09 - .10
Leaves, Greek, bls.....lb. .04 - .04½
Lavender flowers, ordinary, bls.lb. .25 - .27
medium, bls.....lb. .34 - .35
select, bls.....lb. .40 - .45
Lead acetate, white, broken, bbls..lb. .10 - —
cryst., bbls.....lb. .10 - —
gran., bbls.....lb. .10¾- —
powd., bbls.....lb. .10¾- —
Arsenate, bgs., dealers E. of Rockies..lb. .11 - —
W. of Rockies.....lb. .11 - —
l.c.l., bgs., dealers, E. of Rockies..lb. .11¼- —
W. of Rockies.....lb. .11¼- —
Lead arsenate prices are works or whse basis, frt. alld, to dest. in lots of 90 lbs. or over; no frt. or truck allowance for works or whse pick ups.
Lead, blue, basic sulphate, bbls., c.l., divd. E..lb. .06¼- —
divd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .08½- —
l.c.l., divd., E.....lb. .06½- —
l.c.l., divd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib., dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .10 - .15
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —
other points .....lb. .07¼- —
Lead, red, 95% or less Pb_3O_4, l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore and Wash.lb. .08½- —
Ore. and Wash.lb. .08⅝- —
Colo., Mont., N. Mex., Wyo..lb. .08¼- —
other points.....lb. .07⅝- —
smaller lots, etc.....lb. .08⅝- —
Ariz., etc.....lb. .09 - —
Ohio., etc.....lb. .08⅜- —
other points.....lb. .08¼- —
97%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc. lb. .07¾- —
other points.....lb. .07½- —
l.c.l., 5 tons, dlvd., Ala., etc...lb. .08¼- —
Ariz., etc.....lb. .08⅜- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd., Ala., etc..lb .08⅜- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08¼- —
95%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .08 - —
other points.....lb. .07¾- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
smaller lots, dlvd., Ala., etc..lb .09 - —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
in oil, 95% min., 100-lb. kgs., lb. .12¼- —
Resinate, fused, 15%, bbls...lb. .09½- —
pale, bbls. .....lb. .11¼- —
precip., bbls. .....lb. .16¼- —
Stearate, bbls.....lb. .25 - —
Sulphate (see Lead, white, basic sulphate)
Titanate, bbls., c.l. (20 tons), works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy., E. frt. alld..lb. .10¼- —
Pac. Cst., ex whse....lb. .10¼- —
smaller lots, E. frt. alld. lb. .10½- —
Pac. Cst., ex whse....lb. .10½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¼- —
other points.....lb. .07 - —
l.c.l., dlvd., Ariz., etc.lb. .07½- —
other points.....lb. .07¼- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06½- —
other points.....lb. .06¼- —
basic sulphate, l.c.l., dlvd., Ariz., etc..lb. .06⅝- —
other points.....lb. .06½- —
in oil, 100-lb. kgs., consumers..lb. .12¼- —
dealers .....lb. .10¼- —
painters .....lb. .11¼- —
Lecithin, 100%, cns., f.o.b., N. Y., or Chi....lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dms., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis..lb. .40 - —
l.c.l., same basis.....lb. .42½- .60
Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .25
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .15 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass. ....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo. .....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn. ....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 6.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —

Gum, Tragacanth—Lycopodium

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Mitchell, Ind..ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Ripplemead, Va. ....ton. 7.00 - —
Riverton, Va. .....ton 7.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bgs., f.o.b., Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa...ton. 8.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va. ....ton. 9.00 - —
Orranda, Va.....ton. 7.00 - —
Springfield, Mo. .....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bags, f.o.b. Bellefonte, Pa..ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
lime salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09¼
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumer, gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08¾- —
30-50 dms.....gal. .11 - .16
Zone 3, tanks, dealers, dlvd., gal. .11½- —
30-50 dms.....gal. .14 - .16
Zone 4, tanks, dealers wks., gal. .08 - —
dms., wks, except Cal..gal. .12 - —
Zone 5, tanks, dealers, dlvd., gal. .10¼- —
dms.....gal. .12 - —
Zone 6, tanks, dealers.....gal. .08¾- —
30-50 dms.....gal. .11 - .15
Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.
Linalool, cns.....lb. 2.10 - 3.30
Linalyl acetate, cns., 25 lbs...lb. 1.35 - 2.25
Linden flowers, with leaves, bls.lb. .26 - .27
without leaves, bls.....lb. .18 - .19
Linseed, cake, bgs., export....ton.29.50 - —
Meal, 34%, dms., bgs.....ton.39.50 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .06½- —
dlvd., other points....lb. .06¼- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07 - —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07¼- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06¾- —
smaller lots, dlvd., Ala., etc. lb. .07¼- —
Ariz., etc.....lb. .08 - —
Colo., etc.....lb. .07¾- —
other points.....lb. .07¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd., E. or ex whse. Pac. Cst.....lb. .05¾- —
smaller lots, same basis.lb. .06¾- —
bbls., 20 tons, same basis.. lb. .05¾- —
smaller lots, same basis.lb. .06½- —
ordinary, bgs., 20 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04¾- —
bbls., 20 tons, same basis, lb. .04¾- —
smaller lots, same basis.lb. .04¼- —
titanated, bgs., 20 tons, same basis..lb. .05¾- —
smaller lots, same basis.lb. .05¾- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
Liverwort leaves, bls.....lb. .20 - .25
Lobelia herb, bls.....lb. .11 - .12
Seed, bgs.....lb. .24 - .25
Logwood extract, cryst., bbls..lb. .18 - .22
liquid, 51°, bbls.....lb. .09¾- .11½
solid, bxs. .....lb. .15 - .19
Lovage root, dom., bls.....lb. .24 - .25
import, bls.....lb. .35 - .37
Lupulin, N. F., tins.....lb. 1.50 - 1.65
Lycopodium, cs.....lb. 1.10 - 1.15

Mace, Methylamyl Ketone

M

Mace, Banda, cs.....lb. .49 - .50
Batavia, cs.....lb. .32½- .33
Siauw, cs.....lb. .37 - .38
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .20 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —
USP, Zone 1, bbls., c.l....lb. .06¼- —
l.c.l. .....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. C.l., shipments, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld., including divd. storedoor. Magnesia prices ars f.o.b., Plymouth Meeting House. Zone 2, balance of U. S.,; prices f.o.b. Plymouth Meeting House, Ambler, Phillipsburg, Valley Forge, and New York.

Chloride, flake, dom., bbls., wks., c.l..ton.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .55 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .09½- .10¼
Magnesia, stearate, bbls., ctns., c.l..lb. .21 - —
1 ton.....lb. .22 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots.....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
Import, bags.....ton.56.00 -60.00
dead-burned, dom., bulk, c.l., f.o.b. Cnewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots..lb. .58 - —
100-lb. lots .....lb. .65 - —
cns. .....lb. .75 - .80
Malva flowers, black, bls.....lb. .35 - .45
blue, bls.....lb. .35 - .45
Leaves, bls.....lb. .11 - .12
Manaca root, bls.....lb. .17 - .18
Mandrake root, bls.....lb. .09 - .10
Manganese acetate, dms.....lb. .20½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .07½- .07⅝
Dioxide, African, battery, 84-87% bgs., 28-40 tons, wks., ton.54.50 - —
5-15 tons, wks.....ton.57.50 - —
½-4 tons, wks.....ton.62.50 - —
800-600 lbs., wks....ton.72.50 - —
Caucasian, 85-90%, bbls., c.l., works..ton.51.50 - —
l.c.l. 5 tons, works...ton.54.50 - —
smaller lots, works..ton.59.50 - —
burlap bgs., c.l., works.ton49.25 - —
burlap bgs., l.c.l., 5 tons, works..ton.52.25 - —
smaller lots, works.ton.57.25 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works..ton.50.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.01 - —
smaller lots.....lb. 2.71 - —
cns., 25 lbs.....lb. 2.83 - —
Manganese, glycerophosphate, solut., djns., 1,000-lb. lots, lb. .61 - —
smaller lots.....lb. .71 - —
cns., 25 lbs.....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs.....lb. 5.30 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Alt. ports..unit-ton. .28 - .29 Nom.
Resinate, fused, 3½%, bbls..lb. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65%, MnSo4, bgs., c.l., dlvd, South..ton.48.75 - —
l.c.l., bgs.....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
1 c.l., 5 tons, works...lb. .63½- —
smaller lots, works..lb. .64 - —
Mangrove bark, bgs., shipt...ton.24.75 - —
Manna flake, large, cs.....lb. .45 - .46
small, cs.....lb. .24 - .25
Mannitol, reagent, pure cryst., cs., works..lb 1.05 - 1.10
commercial, cryst., bbl., ton lots, works..lb. .46 - —
smaller lots, works.....lb. .57 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoran, French, bbls.....lb. .19 - .20
Tunisan, bls.....lb. .18 - .19
Matico leaves, bls.....lb. .22 - .23
Menthol, USP, natural, cs.....lb. 2.95 - 3.05
synthetic, tech., cs.....lb. 2.25 - —
USP, cs.....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. .85 - —
25 lbs.....lb. .87 - —
50%, pails, 50 lbs.....lb. 1.23 - —
25 lbs.....lb. 1.25 - —

Mercury (see Quicksilver).
Ammoniated (see white precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.90 - 1.94
fib., dms., 100 lbs.....lb. 1.77 - —
jars, 25 lbs.....lb. 1.79 - —
Chloride (see Calomel).
Iodide, red, N.F., bots., 5 lbs.lb. 3.81 - 3.83
cns., 25 lbs.....lb. 3.70 - 3.75
fib., dms., 100 lbs.....lb. 3.70 - 3.75
yellow, bots., 5 lbs.....lb. 3.91 - 3.95
cns., 25 lbs.....lb. 3.80 - —
fib., dms., 100 lbs.....lb. 3.80 - —
Nitrate ointment (see Citrine ointment).
Oxide, red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl...lb. 1.51 - —
USP, fib. dms., 50 lbs. or more..lb. 2.03 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.20 - —
fib., dms., 25 lbs.....lb. 1.17 - 1.22
Mesityl oxide, cns., works.....lb. .16 - .18
dms., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Metal leaf, pkgs., of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½ in..pkg. 1.70 - 1.80
gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅜x5⅞ in.....pkg.22.50 -23.00
3⅜x5⅞ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroparatoluidin, bbls....lb. 1.40 - —
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, natural, denat., grade, tanks..gal. .40 - —
97%, tanks.....gal. .32 - —
95%, tanks.....gal. .31 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.

synth., pure, dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 87-99%, dms., c.l., E. of Miss. R..lb. .10½- —
W. of Miss. R.....lb. .11½- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .11 - —
W. of Miss. R.....lb. .12 - —
tanks, dlvd., E. of Miss. R. lb. .09½- —
W. of Miss R.....lb. .10½- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd. E. of Miss., R..lb. .07½- —
W. of Miss R. .....lb. .08½- —
tanks, dlvd. E. of Miss. R., lb. .06 - —
W. of Miss. R. .....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, tanks....gal. .25 - —

Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast ars 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
Zone 4 .....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4 .....gal. .605 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .315 - —
2, frt. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
4 .....gal. .355 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .60 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders.lb. .32 - —
service men and consumers, cyl..lb. .86 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformily 10c. per pound higher than above prices.

Cinnamate, bls.....lb. 1.85 - 2.00
Formate, dms. .....lb. .35 - .36
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots.....lb. 3.68 - 3.83
Salicylate, dms.....lb. .35 - .37
cns. .....lb. .37 - .40
Violet toner, bbls.....lb. .38 - —
permanent, bbls. .....lb. .80 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis. lb. .28 - —

Instinctively, experienced production men think of cans when complex packaging problems must be overcome and production costs lowered. They know that cans are sturdier, easier to handle, quicker to fill, pack, and ship—more adaptable for modern high speed operations and, consequently, more economical in the long run.

Consider these important factors and other outstanding advantages, such as complete product protection, greater shelf-appeal—then pack your product in a quality can—made by Continental!

C

There is hardly a product that wouldn't be more acceptable packaged in a can—although "knowing how" may sometimes be a matter of laboratory research or package design.

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CONTINENTAL CAN COMPANY

NEW YORK · CHICAGO · SAN FRANCISCO · MONTREAL · TORONTO · HAVANA

Methylene blue, medcl., kgs., 100 lbs.	lb.	2.00	- —
cns., 5 lbs.	lb.	2.35	- —
Chloride, dms., f.o.b. works	lb.	.18	- .25
Methylethyl ketone, dms., c.l., frt., pd., E. of Rocky Mts.	lb.	.06	- —
l.c.l., same terms	lb.	.06½	- —
tanks, same terms	lb.	.05	- —
Methylheptenone, bots.	lb.	2.45	- 3.00
Methylheptin carbonate, bots.	lb.	23.00	-44.00
Methylhexyl ketone, dms., tech., wks.	lb.	.60	- —
Methylisobutyl ketone, dms., 55-gal., c.l., works	gal.	.76	- —
l.c.l., works	gal.	.80	- —
smaller containers, works	gal.	1.00	- —
tanks, works	gal.	.70	- —
Methylnaphtyl ketone, dom., cryst., bots.	lb.	3.25	- 3.50
imp. bots	lb.	3.10	- —
Methylpropyl carbinol (see Carbinol).			
Ketone, dms., c.l.	lb.	.20½	- —
l.c.l.	lb.	.21	- —
tanks	lb.	.19½	- —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee	ton.	9.00	- —
l.c.l., same basis	ton.	11.00	- —
180 mesh, containers extra, c.l., same basis	ton.	11.00	- —
l.c.l., same basis	ton.	13.00	- —
250 mesh, containers extra, c.l., same basis	ton.	18.00	- —
l.c.l., same basis	ton.	15.00	- —
325 mesh, containers extra, c.l., same basis	ton.	18.00	- —
l.c.l., same basis	ton.	20.00	- —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works	ton.	30.00	- —
l.c.l., 5,000 lbs., works,	ton.	40.00	- —
1,000 lbs., works	lb.	.02	- —
500 lbs., works	lb.	.02½	- —
100 lbs., works	lb.	.03	- —
roofing, bgs., extra and returnable, c.l., works,	ton.	29.00	- —
l.c.l., 5,000 lbs., works,	ton.	39.00	- —
paint, bgs., extra and returnable, c.l., works.	ton.	55.00	- —
l.c.l., 5,000 lbs., works,	ton.	65.00	- —
white, No. 1, quality, bgs., extra and returnable, c.l., works	ton.	35.00	- —
l.c.l., 5,000 lbs., works.	ton.	45.00	- —
1,000 lbs., works	lb.	.02½	- —
500 lbs., works	lb.	.03	- —
roofing, bgs., extra and returnable, c.l., works.	ton.	29.00	- —
l.c.l., 5,000 lbs., works,	ton.	39.00	- —
paint, bgs., extra and returnable, c.l., works.	ton.	60.00	- —
l.c.l., 5,000 lbs., works,	ton.	70.00	- —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E.	lb.	.04¼	- —
l.c.l., ex-whse., or frt. alld., E.	lb.	.04¾	- —
paper, wall or coated, bgs., c.l., frt. all., E.	lb.	.04½	- —
l.c.l., ex-whse., or frt. all., E.	lb.	.04¾	- —
rubber, bgs., c.l., frt. alld. E.,	lb.	.04	- —
l.c.l., ex-whse., or frt. alld., E.	lb.	.04¼	- —
wet-ground mica prices are ½c. per pound higher west of Rockies.			
Milk powder, skimmed roller, bbls., c.l.	lb.	.06	- —
l.c.l.	lb.	.07	- —
spray, bbls., c.l.	lb.	.06½	- —
l.c.l.	lb.	.07½	- —
unskimmed, roller bbls., c.l.	lb.	.15½	- —
l.c.l.	lb.	.16½	- —
spray, bbls., c.l.	lb.	.16½	- —
l.c.l.	lb.	.17½	- —
Millet seed, yellow, bgs.	lb.	.0350	- .0375
early fortune, bgs.	lb.	.0250	- .0300
hulled, bgs.	lb.	.06½	- .06
Mineral spirits (see Petroleum thinner and V M & P. naphtha).			
Molasses, blackstrap, tanks, f.o.b., No. Atlantic ports	gal.	.04½	- —
f.o.b., New Orleans	gal.	.03¼	- —
Molybdate orange (see Orange, molybdate).			
Molybdenum metal, kgs., 99% powd.	lb.	2.00	- 3.00
Monoamylamine, dms., c.l., wks.,	lb.	.52	- —
l.c.l., works	lb.	.55	- —
Monobutylamine, dms., c.l., works.	lb.	.62	- —
l.c.l.	lb.	.65	- —
Monochlorobenzene, dms., l.c.l.	lb.	.08	- .08
Monoethanolamine, dms., c.l., works.	lb.	.24	- —
l.c.l., dms.	lb.	.25	- —
tanks	lb.	.23	- —
Monoethylaniliin, dms.	lb.	.77	Nom.
Monomethylamine, dms., c.l., divd.	lb.	.05	- —
l.c.l., divd.	lb.	.70	- —
Monomethylpara-aminophenol sulphate, dms.	lb.	3.75	- 4.00
Monosodiumphosphate (see Soda phosphate, monobasic).			
Morphine, bots., 5 ozs.	oz.	11.10	- —
cns., 25 ozs.	oz.	10.90	- —
Acetate, bots., 5 ozs.	oz.	9.00	- —
cns., 25 ozs.	oz.	8.80	- —
Ethylhydrochloride, bots. 5 ozs.,	oz.	10.75	- —
cns., 25 ozs.	oz.	10.55	- —
Hydrobromide, bots., 5 ozs.	oz.	8.95	- —
cns., 25 ozs.	oz.	8.75	- —
Sulphate, bots., 5 ozs.	oz.	9.00	- —
cns., 25 ozs.	oz.	8.80	- —
Morpholine, dms., 55 gal., l.c.l., works.	lb.	.75	- —
smaller containers, works	lb.	1.00	- —
Mullein flowers, cns.	lb.	.78	- .80
Leaves, bls.	lb.	.07	- .08
Musk, nat., Tonquin, grained, pods, caddies, 20 ozs.	oz.	21.00	-22.00
pods, caddies, 20 ozs.	oz.	19.00	-21.00
synth., ambrette, cns., 100 lbs., or more.	lb.	3.25	- —
5 lbs. to 75 lbs.	lb.	3.50	- —
1 lb.	lb.	3.65	- —
ketone, cns., 100 lbs. or more,	lb.	3.40	- —
5 lbs. to 75 lbs.	lb.	3.65	- —
1 lb.	lb.	3.80	- —
xylol, cns., 100 lbs., or more,	lb.	1.00	- —
5 lbs. to 75 lbs.	lb.	1.10	- —
1 lb.	lb.	1.25	- —
Musk root, bls.	lb.	.11	- .14
Mustard seed, Bombay, brown, bgs.	lb.	.03¾	- .04¼
California, brown, bgs.	lb.	.06	- .06½
Chinese, yellow, bgs.	lb.	.05¾	- .06¼
Danish, yellow, bgs.	lb.	.09¼	- .09½
Dutch, yellow, bgs.	lb.	.08	- .08½
English, yellow, bgs.	lb.	.09¼	- .09½
Roumanian, yellow, bgs.	lb.	.06	- .06½
Myrobalans, J1, bgs., shipt.	ton.	24.00	- —
J2, bgs., shipt.	ton.	17.00	- —
R2, bgs., shipt.	ton.	16.75	- —
Extract, liquid, 25%, bbls.	lb.	.03¾	- —
solid, 50% bbls.	lb.	.04¼	- —
powdered, 70% bbls.	lb.	.05	- —

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).			
Solvent (see S).			
Naphthalene, crude, dom., 74 deg., bgs., c.l., works, 100 lbs.		2.25	- —
bgs., bbls., l.c.l., works, 100 lbs.		2.50	- 2.60
78 deg., bgs., c.l., works, 100 lbs.		2.50	- —
l.c.l., works	100 lbs.	2.75	- 2.85
import, bgs., Atl. port	100 lbs.	1.65	- —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works	lb.	.05¾	- —
50-lb., cs., same basis	lb.	.06	- —
pkgs. (16 oz.), same basis,	lb.	.06½	- —
(12 oz.) same basis	pkg.	.05¼	- —
Chipped, crushed, bbls., same basis	lb.	.05¼	- —
rice, cryst., powd., bbls., same basis	lb.	.05¾	- —
Nerolin, cryst., cns.	lb.	1.25	- 1.35
Nickel carbonate, bbls.	lb.	.36	- .36½
Chloride, bbls.	lb.	.18	- .20
Oxide, black, bbls.	lb.	.35	- .38
Salt, bbls.	lb.	.13	- .13¼
Nicotine sulphate, 40%, dms., works, frt. alld.	lb.	.70	- —
10-lb., tins	lb.	.86½	- —
Nitercake, bulk, works	ton.	16.00	- —
Nitrobenzene, dbl. dist., dms., c.l.	lb.	.08	- —
l.c.l.	lb.	.09	- —
tanks	lb.	.07	- —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works	lb.	.28	- —
bronzing, 20, 40, 70 sec. vis., bbls., works	lb.	.29	- —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works	lb.	.22	- —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls.,	lb.	.26	- —
ester-soluble, lacquer, 20-30 and 60-80 sec., vis., bbls., works	lb.	.29	- —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports	unit-ton.	1.04	- —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk., f.o.b. Carrollville, Wis., divd.	unit-ton.	1.90	- —
f.o.b. Chemical, Ill.,	unit-ton.	No prices.	
East Coast producing points	unit-ton.	2.45	Nom.
Import, bgs., c.i.f. Atlantic ports, shipt.	unit-ton.	2.40	- —
Nitronaphthalene, bbls.	lb.	.24	- .25
Nutgalls, Alleppo, bgs., cs	lb.	.23	- —
Extract (see Gall extract).			
Nutmegs, 80s, bgs., cs.	lb.	.19½	- —
110s, bgs., cs.	lb.	.16¾	- .17
West Indian, bgs.	lb.	.09¾	- .10¼
Nux vomica, bls.	lb.	.03¾	- .04
powd., bbls., bxs.	lb.	.06	- .07

O

Oakbark extract, 25% tan., bbls., c.l., wks.	lb.	.03¼	- —
l.c.l., bbls., wks.	lb.	.03¾	- —
tanks	lb.	.02¾	- —
Ocher (see Yellow).			
Octanes, 100-140° C., mixed, dms., c.l., G.3.	gal.	.12½	- —
l.c.l., G.3.	gal.	.17	- —
tanks, G.3.	gal.	.10¼	- —
Octyl acetate, dms., c.l., works.	lb.	.16	- —
l.c.l., works.	lb.	.17	- —
tanks, works.	lb.	.15	- —
Oil, almond, bitter, artif. (see Benzaldehyde).			
natural, bots.	lb.	2.25	- 2.30
s.p.a., bots.	lb.	2.40	- 2.45
sweet, true, exp., cns.	lb.	.57	- .58
Amber, crude, cns.	lb.	.20	- .21
ref'd, cns.	lb.	.50	- .51
Amyris, cns.	lb.	3.00	- 3.25
Angelica root, bots.	lb.	40.00	-45.00
seed, bots.	lb.	70.00	-80.00
Anilin (see A).			
Anise, USP, cns., dms.	lb.	.70	- .75
Apricot kernel, cns.	lb.	.28	- .32
Babassu, tanks.	lb.	.06¼	Nom.
Bay, W. I., 50-55% phenols, cns.	lb.	1.15	- 1.20
55-60% phenols, cns.	lb.	1.25	- 1.30
Bergamot, artif., cns.	lb.	1.25	- 1.30
natural, coppers.	lb.	3.65	- 3.85
Betula (see Oil, sweet birch).			
Birch (see Oil, sweet birch).			
Birch tar, crude, dms.	lb.	.15	- .18
rectified, cns.	lb.	.60	- .65
Bois de rose, Brazil, cns.	lb.	1.55	- 1.60
Cayenne, cns.	lb.	1.50	- 1.75
Cade, USP IX (see Oil, juniper tar).			
Cajeput, tech., dms.	lb.	.44	- .46
USP IX, cns.	lb.	.50	- .52
Calamus, cns.	lb.	5.50	- 6.00
Camphor, sassafrasay, cns.	lb.	.30	Nom.
dms.	lb.	.27	Nom.
white, cns.	lb.	.30	Nom.
dms.	lb.	.27	Nom.
Cananga, native, cns.	lb.	1.25	- 1.30
rectified, cns.	lb.	1.80	- 1.85
Capsicum (oleoresin), N. F. VI, cns.	lb.	1.90	- 2.00
Caraway, USP, cns.	lb.	1.75	- 1.80
Cardamom, bots.	lb.	23.25	-25.50
Cassia, USP, cns., dms.	lb.	.90	- 1.00
Castor, blown, one-way dms., c.l.	lb.	.10¼	- —
l.c.l.	lb.	11	- —
medicinal, bbls., c.l.	lb.	.08¾	- —
l.c.l.	lb.	.09½	- —
cns. (1-gal.), l.c.l.	lb.	.12½	- —
dms. (returnable), c.l.	lb.	.68½	- —
l.c.l.	lb.	.09¼	- —
(5-gal.), l.c.l.	lb.	.10¼	- —
tanks	lb.	.08	- —
No. 3, bbls., c.l.	lb.	.08¼	- —
l.c.l.	lb.	.09	- —
dms. (returnable), c.l.	lb.	.08	- —
l.c.l.	lb.	.08¾	- —
tanks	lb.	.07½	- —

Castor oil, med. and No. 3 prices are divd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l., prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (43% fat), dms., c.l.	lb.	.06	- —
l.c.l.	lb.	.07	- —
75% (63% fat), dms., c.l.	lb.	.08¾	- —
l.c.l.	lb.	.09¾	- —
80% (68% fat), dms., c.l.	lb.	.09¼	- —
l.c.l.	lb.	.10¼	- —
Cedarleaf, cs.	lb.	.60	- .62
dms.	lb.	.55	- .57
Cedarwood, Oregon, cns., dms.	lb.	.28	- .30
Southern, cns., dms.	lb.	.18½	.23
Celery, bots.	lb.	7.50	- 8.75
Chaulmoogra, USP, cns., 500 lbs.	lb.	.72½	- —
25 lbs.	lb.	.75	- —
Oil, chinawood, dms.	lb.	.16¾	Nom.
tanks	lb.	.1640	Nom.
Cinnamon, Ceylon, bots.	lb.	8.50	-25.00
Seychelle, bots.	lb.	6.50	- 7.50
Citronella, Ceylon, cns.	lb.	.35	- .36
dms.	lb.	.33	- .34
Java, cns., dms.	lb.	.27	- .28
Clove, makers, USP, cns.	lb.	.98	- —
dms.	lb.	.95	- —
Coconut, Manila, crude, tanks,	lb.	.03½	- —
Pac. Cst.	lb.	.02¾	- .02⅞
edible, 76°, tax incl., dms., (returnable), c.l.	lb.	.08¼	- —
l.c.l.	lb.	.08¾	- —
tanks	lb.	.07¾	- —
Cod, Newfoundland, shipt., un-tanked.	gal.	.32	- .33
Norwegian, shipt., bbls.	gal.	.27	- .30
Codliver, med., USP, bbls.	bbl.	21.00	-22.00
Coriander, bots.	lb.	12.75	-13.00
Corn, crude, tanks, works.	lb.	.06	- .06¼
refd., bbls.	lb.	.08¾	- .09
Cottonseed, dom., cooking, bbls.	lb.	.08¼	- —
salad, bbls.	lb.	.08½	- —
import, Brazilian, semi-refd., bulk.	lb.	.0340	- —

Creosote (see C).

Croton, USP, cns.	lb.	1.30	- 1.35
Cubeb, USP, cns.	lb.	2.50	- 2.75
Crude (see Petroleum, crude).			
Cumin, bots.	lb.	6.75	- 7.00
Cypress, dom., bots.	lb.	5.25	- 5.30
import, cns.	lb.	12.00	-12.25

Degras (see D).

Diesel, Bayonne, bulk.	bbl.	1.65	- —
California, 24 plus, bulk.	bbl.	1.55	- —
Dill seed, bots.	lb.	2.70	- 3.00
weed, bots.	lb.	3.75	- 3.80
Dip (see D).			
Erigeron, cns.	lb.	2.40	- 2.55
Eucalyptus, cns.	lb.	.34	- .35
dms.	lb.	.32	- .33
Fennel, sweet, cns.	lb.	1.05	- 1.10
Fuel, bunker, California, tide-water.	bbl.	.90	- —
Gulf Coast.	bbl.	.75	- .80
Louisiana, Arkansas, 10-14,	bbl.	.85	- 1.00
N. Y. and N. J. terminals:— Monday	bbl.	.95	- —
Tuesday	bbl.	.95	- —
Wednesday	bbl.	.95	- —
Thursday	bbl.	.95	- —
Friday	bbl.	.95	- 1.05
Saturday	bbl.	.95	- 1.05
North Texas, 18-22.	bbl	.85	- .90
24-28, zero cold test.	bbl.	1.00	- 1.05
Oklahoma, 18-22.	bbl.	.85	- .90
24-28, zero cold test.	bbl.	1.00	- 1.15
24-28, 15 and above.	bbl.	.85	- .90
Pennsylvania, 36-40.	gal.	.04	- .04½
Furnace, Bayonne, 1, bulk, refinery.	gal.	.03⅜	- —
2, bulk, same basis.	gal.	.03¾	- —
4, bulk, same basis.	gal.	.03⅞	- —
Louisiana - Arkansas, 32-36, light straw.	gal.	.03¼	- .03½
Oklahoma, 28-30.	gal.	.03	- —
32-36	gal.	.03¾	- .03½
36-38	gal.	.03⅝	- .03⅞
38-40, straw	gal.	.03⅝	- .03⅞
38-40 zero, 60 e.p.	gal.	.03¾	- .04

Fusel (see F).

Gas, Bayonne, bulk.	gal.	.04	- —
Gulf Coast, bulk.	gal.	.03½	- —
North Texas, bulk.	gal.	.02⅞	- .03½
Oklahoma, bulk.	gal.	.02⅞	- .03½
Gaultheria (see Oil, wintergreen leaf).			
Geranium, Algerian, rose, cns.,	lb.	2.70	- 3.50
Bourbon, cns.	lb.	2.65	- 2.85
Turkish (see Palmarosa).			
Grapefruit, cns.	lb.	1.55	- 1.75
Grapeseed, dms.	lb.	.40	- .60
Ginger, dist., bots.	lb.	4.85	- 5.00
Guaiac wood, concrete, bots.	lb.	2.50	- 2.65
Haarlem, import, bots.	gross.	3.15	- 3.25
Halibut-liver, dms., 1,000 A unit.	gal.	.75	- 1.00
Hemlock, cns.	lb.	.65	- .70
Juniper berry, USP, cns.	lb.	1.10	- 1.30
Wood, tech., cns.	lb.	.45	- —
Juniper tar, USP XI, 1,000 lbs., dms.	lb.	.39	- .40
cns.	lb.	.41	- .44
Lard, common, 1, bbls.	lb.	.08¾	- —
2, bbls.	lb.	.08½	- —
extra, bbls.	lb.	.09	- —
1, bbls.	lb.	.08¾	- —
Lard, winter, strained, extra, bbls.	lb.	.09¼	- —
prime burning, bbls.	lb.	.09¾	- —
prime, lned., bbls.	lb.	.09½	- —
Laurel, bots.	lb.	6.25	- 6.50
Lavandin, cns., 25 lbs.	lb.	1.60	- 1.65
Lavender flower, French, 50% ester, cns.	lb.	4.50	- 4.75
38-42% ester, cns.	lb.	3.25	- 4.00
35-38% ester, cns.	lb.	2.75	- 3.00
30-32% ester, cns.	lb.	2.00	- 2.25
garden, cns.	lb.	.42	- .45
spike, Spanish, tech., cns.	lb.	1.05	- 1.10
dms.	lb.	.95	- 1.00
Lemon, Calif., cns.	lb.	2.40	- —
Messina, coppers, cns.	lb.	2.75	- 3.25
Lemongrass, native, cns., dms.,	lb.	.38	- .40
Lime, dist., Mexican, cns.	lb.	2.50	- 2.60
West Indian, cns.	lb.	3.10	- 3.15
expressed, cns.	lb.	6.50	- 6.75
Linaloe wood, cns.	lb.	1.25	- 1.30
Linseed, boiled, bbls., c.l.	lb.	.0920	- .0940
l.c.l., 5 or more.	lb.	.0960	- .0980
less than 5.	lb.	.1000	- .1020
tanks	lb.	.0860	- .0880
double boiled, bbls., less than	lb.	.1020	- .1040
raw, bbls., c.l.	lb.	.0880	- .0900
l.c.l., 5 or more.	lb.	.0920	- .0940
less than 5.	lb.	.0960	- .0980
tanks	lb.	.0820	- .0840
Lovage, bots.	lb.	41.25	-60.00

Lubricating, at refinery (including U. S. tax 4c. per gal.):—

California, green, 70, 80, 100, vis., dms.	gal.	.20	- —
140 vis., dms.	gal.	.25	- —
green, pale, 750, 900 vis., dms.	gal.	.28	- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms.	gal.	.26	- —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks.	gal.	.18½	- —
15-25 pour, tanks.	gal.	.17½	- —
150-160 D, color, 4½, 0-10 pour, tanks.	gal.	.20	- —
15-25 pour, tanks.	gal.	.19	- —
150-160 E. color 5½, 15-25 pour, tanks.	gal.	.18½	- —
190-200 D, color 4¼, 15-25 pour, tanks.	gal.	.23	- —
200-210 E. 15-25 pour, tanks.	gal.	.22	- —
neutrals, 0-10 pour, 150 vis., 3 color, tanks.	gal.	.13	- —
180 vis., 3 color, tanks,	gal.	.14	- —
4 color, tanks.	gal.	.13½	- —
200 vis., 3 color, tanks,	gal.	.14½	- —
4 color, tanks.	gal.	.14	- —
250 vis., 3 color, tanks,	gal.	.15½	- —
4 color, tanks.	gal.	.15	- —
280 vis., 3 color, tanks,	gal.	.16½	- —
4 color, tanks.	gal.	.16	- —

Methylene Blue—Oil, Spruce

Oil, lubricating, at refinery, Oklahoma, neutrals, 300 vis.,			
3½ color, tanks.	gal.	.17	- —
350 vis., same basis.	gal.	.17½	- —
400 vis., same basis.	gal.	.18	- —
500 vis., same basis.	gal.	.18½	- —
600 vis., same basis.	gal.	.19	- —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.			
Penn., bright, 600 cold test, 10-15 pour, tanks.	gal.	.15	- —
cylinder, 600 fire, tanks,	gal.	.08½	- —
600 flash, tanks.	gal.	.10	- —
630 flash, tanks.	gal.	.13	- —
635 fire, tanks.	gal.	.09	- —
650 fire, tanks.	gal.	.09½	- —
Warren, E, amber, tanks,	gal.	.11	- —
neutral, 150 vis., 3 color, tanks.	gal.	.14½	- —
180 vis., 3 color, tanks.	gal.	.15½	- —
200 vis., 2 color, tanks.	gal.	.16½	- —
spot, Penna., bright, bbls., c.l., f.a.s.	gal.	.22	- —
unfiltered, 600 s.r.	bbls., f.a.s.	gal.	.15½ - —
600 flash, s.r., bbls., c.l.,	gal.	.17½	- —
630 flash, bbls., c.l., f.a.s.,	gal.	.20½	- —
unfiltered, Warren, E, bbls., c.l., f.a.s.	gal.	.20	- —
smaller lots, f.o.b.	gal.	.21	- —
Mace, dist., cns., dms.	lb.	1.12	- 1.15
Mandarin, superior, coppers.	lb.	5.75	- 6.00
Menhaden, crude, tanks, f.o.b. Balto.	gal.	.32	Nom.
refd., alkali, dms.	lb.	.0720	- —
tanks	lb.	.0660	- —
refd., blown, dms.	lb.	.0720	- —
kettle-bodied, dms.	lb.	.0820	- —
light, pressed, dms.	lb.	.0660	- —
tanks	lb.	.0600	- —
Mineral, white (see Oil, white mineral).			
Mustard, artif., USP, cns.	lb.	1.60	- 1.65
dist., natural, bots.	lb.	8.50	- 9.00
expressed, bbls.	gal.	.65½	- .70
Neatsfoot, 20° cold test, bbls.,	lb.	.15¼	- —
extra, bbls.	lb.	.09½	- —
1, bbls.	lb.	.08¾	- —
pure, bbls.	lb.	.12	- —
prime, bbls.	lb.	.09¼	- —
sulphonated, common, 25% moisture, dms.	lb.	.10¼	- —
Neroli, bots.	lb.	85.00	- 140.00
Nutmeg, USP, cns., dms.	lb.	1.12	- 1.15
Oiticica, dms.	lb.	.10½	- .11½
Oleo, 1, bbls.	lb.	.08	- —
2, bbls.	lb.	.07½	- —
Olibanum, bots.	lb.	5.00	- 6.25
Olive, denat., bbls.	gal.	.84	- .85
edible, bbls.	gal.	1.75	- 2.00
foots, bbls.	lb.	.07	- .07½
sulphonated, 50% (43% fat), dms., c.l.	lb.	.11¼	- —
l.c.l.	lb.	.12½	- —
75% (63% fat) dms., c.l.	lb.	.13¼	- —
l.c.l.	lb.	.14½	- —
80% (68% fat), dms., c.l.	lb.	.14½	- —
l.c.l.	lb.	.15½	- —
Orange sweet, dist., cs.	lb.	.50	- —
expressed, African, cns., dms.	lb.	.80	- .85
Calif., cns.	lb.	.90	- —
Messina, USP, coppers.	lb.	2.00	- 3.00
West India, cns.	lb.	1.70	- 1.75
Origanum, cns.	lb.	.90	- 1.00
Orris, Florentine, concrete, extra strong bots.	oz.	4.75	- 5.50
Palm, Niger, csks.	lb.	.03¾	- .03⅞
shipment	lb.	.300	Nom.
softs, 12½%, bulk, shipt.	lb.	.0280	Nom.
20%, bulk, shipt.	lb.	.0265	Nom.
Sumatra, shipt., bulk.	lb.	.0270	Nom.
Palmarosa, cns.	lb.	2.00	- 2.25
Palmkernel, bulk, shipt.	lb.	.0340	Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3.	gal.	.05¼	- —
350° flash, 70-80 vis., tanks, G. 3.	gal.	.05½	- —
80-85 vis., bbls., extra, Ind. refy.	gal.	.12	- —
350° flash, 100-105 vis., bbls., extra, Ind. refy.	gal.	.14	- —
360° flash, 100-110 vis., tanks, G. 3.	gal.	.05¾	- —
Patchouli, bots. cns.	lb.	3.35	- 6.50
Peanut, crude, dom., tanks.	lb.	.05¾	- .05⅞
refd., edible, bbls.	lb.	.08¾	- .09
Pennyroyal, dom., cns.	lb.	2.10	- 2.15
Import, cns.	lb.	1.75	- 1.90
Peppermint, natural, cns., dms.	lb.	2.15	- 2.40
redist., USP, cns., dms.	lb.	2.40	- 2.65
Perilla, dms.	lb.	.09¾	- .09¾
tanks	lb.	.0900	- .0920
Petitgrain, Paraguay, cns.	lb.	.80	- .85
Pimento berry, cns.	lb.	3.35	- 3.65
leaf, cns.	lb.	2.30	- 2.40
Pine, dest.-dist., straw-color, dms., divd., E. ports.	gal.	.50	- .53
steam-dist., dms.	gal.	.59	- —
tanks	gal.	.54	- —
Pineneedle, Siberian, cns.	lb.	.95	- 1.00
Putty, bbls., El Segundo, Richmond, Cal.	gal.	.23½	- —
contracts	gal.	.19½	- —
Whiting, Ind.	gal.	.28	- —
dms., c.l., Bost., Provid.	gal.	.25	- —
l.c.l., same basis	gal.	.27	- —
tanks, same basis	gal.	.18	- —
Martines, Cal.	gal.	.23	- —
Rapeseed, blown, bbls.	lb.	.14	- .14½
denat., bbls.	gal.	.80	- .83
Red, dist. or saponif. bbls., divd.	lb.	.07¾	- .08¼
dms., divd.	lb.	.07¼	- .08¼
tanks, divd.	lb.	.06¼	- .07¼
white, dms.	lb.	.10¾	- .11¼
Rose, artif., bots.	oz.	2.00	- 2.00
natural, coppers.	oz.	5.25	-32.50
Rosemary, Spanish, cns.	lb.	.56	- .75
dms.	lb.	.51	- .70
Rosin, 1st rectf., dms.	gal.	.45	- —
2d rectf'd., dms.	gal.	.47	- —
3d rectf'd., dms.	gal.	.51	- —
Rue, bots.	lb.	3.75	- 3.95
Sage, cns.	lb.	1.60	- 1.65
Sandalwood, E. I., USP, cns.	lb.	4.50	- 4.95
Mysore, cns., case lots.	lb.	19s 6d	
Sardine, crude, tanks, Pac. Cst.,	gal.	.34	Nom.
refd., alkali, dms.	lb.	.0720	- —
tanks	lb.	.0660	- —
kettle-bodied, dms.	lb.	.0820	- —
light, pressed, dms.	lb.	.0660	- —
tanks	lb.	.0600	- —
Sassafras, artif., cns.	lb.	.36	- .37
dms.	lb.	.34	- .35
natural, cns., dms.	lb.	.90	- 1.00
Savin, cns.	lb.	1.60	- 1.65
Savory, cns.	lb.	2.00	- 2.25
Sesame, refd., import, dms.	lb.	.09	- .09¼
Shingle stain, bbls., c.l., wks.,	gal.	.19	- —
l.c.l., works	gal.	.21	- —
tanks, works	gal.	.14	- —
Snakeroot, Canada, cns.	lb.	9.50	-10.00
Soybean, dom., crude, dms.	lb.	.0610	- .0650
tanks	lb.	.0550	- —
refd., dms.	lb.	.0730	- .0770
tanks	lb.	.0670	- —
Spearmint, USP, cns.	lb.	1.70	- 1.75
Spruce, cns., dms.	lb.	.65	- .70
46°, dms.	lb.	.0830	- .0850
natural, dms.	lb.	.0780	- .0800
Spruce, cns., dms.	lb.	.70	- .90

Oil, Sweet Birch—Pleurisy Rt.

Oil, sweet, birch, North, cns...lb. 2.25 - 2.65
South, cns...lb. 1.55 - 1.60
Tall, crude, dms., c.l., works, ton.45.00 - —
l.c.l., works...ton.50.00 -65.00
tanks, works...ton.35.00 - —
refined, dms., c.l., works...lb. .05½- —
l.c.l., works...lb. .06 - —
tanks, works...lb. .05 - —
Tallow, acidless, bbls...lb. .08½- —
tanks...lb. .08 - —
Tansy, cns...lb. 7.25 Nom.
Tar, casnl. dms., c.l., divd., E. cities..gal. .25 - .26
E. ports...gal. .25 - —
l.c.l...gal. .26 - —
tanks, divd. E. cities...gal. .20 - —
Tar, rectfd., USP, bbls., divd., E. ports..gal. .55 - —
Tar acid (see T).
Teaseed, crude, dms...lb. .09½- .09¾
refined, dms...lb. .10¾- .11
Tea Tree (see Oil, ti tree).
Thyme, NF, red, dms...lb. .95 - 1.25
white, dms...lb. .95 - 1.25
Tung (see Oil, chinawood).
Ti tree, cns...lb. 2.40 - 2.60
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns...gal. 4.25 - 5.00
Valerian, bots...lb. 8.00 - 8.25
Vetiver, bots...lb. 8.50 -15.00
Walnut, crude, dms...lb. .12 - .12½
refd., dms...lb. .14 - .14½
Whale, refd., natural, dms...lb. .0770- .0790
winter, bleach, dms...lb. .0810- .0830
Wheat germ, phar., cns., dms. gal.22.50 -30.00
feedstuff, cns., dms...gal.17.50 -35.00
White, mineral, dms., tech., 56-80 vis., dms...gal. .40 - —
65-75 vis., dms...gal. .42 - —
80-90 vis., dms...gal. .43 - —
USP, 80-90 vis., dms...gal. .46 - —
95-105 vis., dms...gal. .53 - —
125-135 vis., dms...gal. .60½- —
140-150 vis., dms...gal. .64 - —
175-185 vis., dms...gal. .68½- —
200-210 vis., dms...gal. .70½- —
320-330 vis., dms...gal. .76 - —
335-345 vis., dms...gal. .77 - —
Russian, 80-90 vis., dms., gal. .46 - —
145-155 vis., dms...gal. .64½- —
175-185 vis., dms...gal. .68½- —
335-345 vis., dms...gal. .77 - —
Wintergreen, natural, North, cns...lb. 4.00 - 8.00
South, cns...lb. 3.05 - 3.75
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns...lb. 2.05 - 2.15
Wormwood, cns...lb. 3.50 - 3.75
Ylang-ylang, Bourb., bots., cns., lb. 2.50 - 3.00
Manila, bots...lb.18.00 -24.00
Olivine, aggregate, c.l., mines, ton. 5.00 - 8.00
Lumps, same basis...ton. 7.00 - —
Spalls, same basis...ton. 5.00 - —
ground, 200 mesh, c.l., mines, ton.15.00 - —
20 mesh to dust...ton.10.00 - —
Opium, USP, cns...lb.11.50 -12.50
gran., cns...lb.12.50 -13.50
powd., cns...lb.12.50 -13.50
Orange, Lake, Persian, bbls..lb. .30 - .45
Mineral, Amer., bbls., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .10½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash....lb. .11 - —
Colo., Mont., N.M., Wyo. lb. .10¾- —
Other points...lb. .10¾- —
smaller lots, divd., Ala., etc..lb. .11 - —
Ariz., etc...lb. .11½- —
Colo., Mont., N. M., Wyo..lb. .11¼- —
Other points...lb. .10¾- —
French, Tours, casks, ex dock, lb. .13½- —
kgs., ex dock...lb. .14½- —
Molybdate, bbls...lb. .31 - —
Toner, bbls...lb. .80 - —
Orangeflower petals, cs...lb. .33 - .35
Orange peel, bitter, bls...lb. .08 - .09
sweet, bls...lb. .12 - .13
Orris root, Florentine, bgs...lb. .10 - .11
fingers, ss...lb. .85 - .90
powd., bbls., bxs...lb. .12 - .13
Verona, bls...lb. .09 - .10
powd., bxs., cs...lb. .12 - .13
Orthoanisidin, bbls...lb. .70 - —
Orthochloroanilin, dms...lb. .60 - .75
Orthochlorophenol, dms...lb. .32 - —
Orthocresol, dms., c.l., works.lb. .16½- —
l.c.l., same basis...lb. .17½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - —
l.c.l., same basis...lb. .07 - —
100-lb. tins, same basis..lb. .08 - —
50-lb. tins, same basis..lb. .09 - —
tanks, same basis...lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroanilin, dms...lb. .55 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns.lb. .75 - —
Orthonitrotoluene, dms...lb. .08 - —
Orthotoluene hydrochloride,dms.lb. .22 - —
Sulphonate, kgs...lb. 2.00 - 2.05
Orthotoluidin, dms...lb. .16 - —
Osage orange extract, cryst., bbls., lb. .19 - —
liquid, 42°, bbls...lb. .08 - —
51°, bbls...lb. .09 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs...lb. 3.65 - 4.00

P

Papain, powd., cs...lb. 1.10 - 1.15
Paprika, Hungarian, extra fancy, bgs..lb. .32½- .33
medium, bgs...lb. .31½- .32
Portuguese, extra fancy, bgs., lb. .32 - .32½
fancy, bgs...lb. .31 - .31½
Spanish, extra fancy, cs...lb. .39 - .41
Paradichlorophenol, dms...lb. .45 - —
Paracymene, refd., dms...gal. .75 - 1.25
Paradichlorobenzene, dms., c.l.lb. .11 - .12
l.c.l...lb. .12½- .15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .0285- —
bbls., c.l., N. Y...lb. .0285- —
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .0285- —
bbls., c.l., N. Y...lb. .0285- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .0285- —
fully refd., slabs, 123-125 A.m.p., bgs., c.l..lb. .03¾- —
loose, c.l...lb. .0355- —
125-127 A.m.p., bgs., c.l..lb. .0390- —
loose, c.l...lb. .0370- —
128-130 A.m.p., bgs., or loose, c.l..lb. .0400- —
131-133 A.m.p., bgs., or loose, c.l...lb. .0435- —
Paraffin, fully refd., slabs, 133-135 A.m.p., bgs., or loose, c.l...lb. .0465- —
135-137 A.m.p., bgs., or loose, c.l..lb. .0490- —
138-140 A.m.p., bgs., or loose, c.l..lb. .0565- —
143-145 A.m.p., bgs., or loose, c.l..lb. .0660- —
151-153 A.m.p., bgs., or loose, c.l..lb. .0850- —
refined paraffin prices in cases are 1½c. lb. higher than bags price; solid in tankcars is .05c. lower.
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .02½- .02⅝
semirfd., solid., 122-124 A.m.p., bgs..lb. .02¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C..lb. .34 - —
100 to 900 lbs. shipments, same basis..lb. .35 - —
Paraldehyde, tech., 99½, 55 and 100 gal. dms., c.l., works..lb. .10 - —
l.c.l., works...lb. .11½- —
5 and 10 gal. dms., works, lb. .15 - —
USP, cs, cbys...lb. .37 - .45
Paranitroanilin, kgs., works...lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .15 - —
Paranitrophenol, kgs...lb. .35 - —
Paranitrotoluene, kgs...lb. .35 - —
Paraphenylenediamine, bbls....lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls...lb. .56 - —
Pareira brava root, bls...lb. .15 - .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld., lb. .23 - .25
less car lot, same basis.lb. .24 - .26
Passion flower, herb, bls...lb. .07 - .09
Patchouli leaves, bls...lb. .18 - .20
Pellitory root, bls...lb. .13 - .14
Pennyroyal herb, bls...lb. .07 - .08
leaves, bls...lb. .13 - .14
Pentanes norm., 28-38°, dms., c.l., G.S..gal. .11½- —
l.c.l., G.S...gal. .16 - —
tanks, G.S...gal. .08½- —
Pentanes, laboratory grade, dms., c.l., G.S..gal. .14 - —
l.c.l., G.S...gal. .25 - —
Pepper, black, Alleppy, bgs....lb. .07¾- .07¾
Lampong, bgs...lb. .08¾- .04½
Tellicherry, bgs...lb. .07½- .07¾
Red, chillies, Japan, Hontaka... lb. .19 - .19½
Mombassa, bgs...lb. .23½- .23⅝
White, Java, Muntok, bgs...lb. .07¼- .07½
Saigon, bgs...lb. .07 - .07⅛
Peppermint leaves, dom., bls..lb. .23 - .24
Import, bls...lb. .45 - .46
Perchlorethylene, dms., c.l., works, frt. alld., zone 1..lb. .08 - —
5 dms., same basis...lb. .08½- —
less than 5 dms., same basis, lb. .08¾- —
Zone 2, dms., c.l., works, frt., alld..lb. .08½- —
5 dms., same basis...lb. .09 - —
less than 5 dms., same basis, lb. .09¼- —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
5 dms., same basis...lb. .09½- —
less than 5 dms., same basis, lb. .09¾- —
Zone 4, dms., c.l., f.o.b., stock points..lb. .09 - —
5 dms., same basis...lb. .09½- —
less than 5 dms., same basis, lb. .09¾- —
Zone 1, includes territory East of the Mississippi River; zone 2, Southern Atlantic States; zone 3, Rocky Mountain States, and zone 4, Pacific Coast.
Peru, balsam, dms...lb. .66 - .68
Petrolatum, amber, dms., c.l..lb. .02¾- —
l.c.l...lb. .03¾- —
amber, extra, dms...lb. .02½- —
l.c.l...lb. .04 - —
veterinary, dms., c.l...lb. .02¾- —
white, cream, dms., c.l...lb. .04¼- —
l.c.l...lb. .05¾- —
lily, dms., c.l...lb. .05¾- —
l.c.l...lb. .06¾- —
snow, dms., c.l...lb. .06¼- —
l.c.l...lb. .07¾- —
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights...bbl. .74 - .96
Athens...bbl. .84 - 1.00
Belridge...bbl. .70 - 1.22
Buena Vista Hills...bbl. .70 - 1.22
Canal-Gresely...bbl. .91 - 1.68
Coalinga...bbl. .70 - .90
Coyote Hills (West)...bbl. .73 - 1.22
Domingues...bbl. .70 - 1.06
East Coyote...bbl. .76 - .96
Elk Hills...bbl. .70 - 1.22
Elwood Terrace, f.o.b. ship., bbl. 1.28 - 1.48
El Segundo...bbl. .80 - 1.21
Huntington Beach...bbl. .73 - 1.22
Inglewood...bbl. .70 - 1.27
Kern Front...bbl. .70 - —
Kern River...bbl. .70 - —
Kettleman Hills...bbl. 1.10 - 1.49
La Habra...bbl. .76 - .96
Lakeview...bbl. .70 - 1.22
Lost Hills...bbl. .70 - 1.10
McKittrick...bbl. .70 - —
Midway-Sunset (except Lakeview)..bbl. .70 - 1.22
Montebello...bbl. .77 - 1.42
Mt. Poso...bbl. .70 - —
Mountain View...bbl. .70 - 1.20
Newhall...bbl. .70 - —
Orcutt...bbl. .70 - .93
Olinda Brea...bbl. .76 - 1.27
Playa del Rey, f.o.b. pipeline...bbl. .80 - 1.16
Richfield...bbl. .76 - 1.09
Rosecrans...bbl. .84 - 1.06
Round Mt...bbl. .70 - —
Santa Fe Springs...bbl. .78 - 1.42
Santa Maria...bbl. .63 - .70
Santa Paula...bbl. .70 - 1.01
Seal Beach...bbl. .79 - 1.19
Signal Hill...bbl. .80 - 1.21
Torrence...bbl. .80 - 1.05
Wheeler Ridge...bbl. .70 - .83
Whittier...bbl. .76 - .96
Wilmington...bbl. .75 - 1.21
Canada:—
Oil Springs...bbl. 1.97 - —
Petrolia...bbl. 1.90 - —
Central West:—
Illinois...bbl. 1.05 - —
Lima...bbl. .90 - —
Western Michigan...bbl. .88 - —
Princeton...bbl. 1.05 - —
East Texas...bbl. 1.10 - —
Gulf Coast:—
Barber's Hill...bbl. .79 - 1.16
Batson...bbl. .74 - 1.04
Dayton...bbl. .95 - 1.41
Esperson...bbl. .79 - 1.16
Goose Creek...bbl. .79 - 1.28
Hull...bbl. .74 - 1.04
Humble...bbl. .74 - 1.04
Liberty...bbl. .79 - 1.16
Markham...bbl. .90 - 1.29
Orange...bbl. .79 - 1.16
Pettus...bbl. 1.22 - —
Pierce Junction...bbl. .95 - 1.41
Refugio (incl. Greta, Taft, Saxet)..bbl. .79 - 1.38
Saratoga...bbl. .74 - 1.04
Sour Lake...bbl. .74 - 1.04
Spindle Top...bbl. .74 - 1.04
Sugarland...bbl. .79 - 1.28
West Columbia...bbl. .79 - 1.28
Petroleum, crude, bulk at wells:—
Kentucky, Tennessee:—
Big Sandy river...bbl. 1.12 - —
Kentucky river...bbl. 1.20 - —
Western Kentucky (Owensboro)..bbl. 1.10 - —
Louisiana, Arkansas:—
Bull Bayou...bbl. .73 - 1.06
Caddo...bbl. .98 - 1.00
Cameron Meadows...bbl. .74 - 1.13
Choctaw...bbl. .74 - 1.20
Cotton Valley...bbl. .73 - 1.05
Darrow...bbl. .74 - 1.20
De Soto...bbl. .73 - 1.05
El Dorado...bbl. .73 - 1.06
Haynesville...bbl. .73 - 1.05
Homer...bbl. .73 - 1.05
Iowa...bbl. .74 - 1.13
Lockport...bbl. .74 - 1.13
Miller County...bbl. .73 - 1.05
Pine Island...bbl. .73 - 1.05
Rainbow...bbl. .73 - 1.05
Rodessa...bbl. .73 - 1.05
Smackover...bbl. .73 - —
Tepetate...bbl. 1.06 - —
Urania...bbl. .99 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco...bbl. No prices
Tuxpan...bbl. No prices
Midcontinent:—
North Texas...bbl. .51 - 1.10
Oklahoma-Kansas...bbl. .58 - 1.10
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany...bbl. 2.00 - —
Corning...bbl. 1.02 - —
Pennsylvania grade, in Buckeye lines..bbl. 1.55 - —
Eureka lines...bbl. 1.59 - —
N. Y. Transit lines, bbls. 2.00 - —
S. W. Penn. lines..bbl. 1.65 - —
lower district in National Transit lines..bbl. 1.88 - 1.93
Rocky Mountain:—
Big Muddy...bbl. .98 - —
Canon City-Florence...bbl. .90 - —
Cat Creek...bbl. 1.10 - —
Dutton Creek...bbl. .86 - 1.10
Elk Basin...bbl. .90 - —
Fort Collins-Wellington, bbl. .81 - 1.05
Frannie, light...bbl. .45 - .53
Grass Creek, light...bbl. .90 - —
Iles...bbl. .92 - .96
Lance Creek...bbl. .77 - —
Lander...bbl. .51½- —
Midway...bbl. .86 - 1.10
Rock Creek...bbl. 1.00 - —
Salt Creek...bbl. .86 - 1.10
Sunburst...bbl. 1.20 - —
Torchlight...bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County...bbl. .73 - 1.05
Cleveland-Liberty...bbl. 1.14 - —
Conroe...bbl. 1.27 - —
Darst Creek...bbl. .90 - —
Hardin-Liberty...bbl. 1.00 - 1.03
Luling...bbl. .87 - —
Lytton Springs...bbl. .90 - —
Mirando, (incl. Duval), bbl. .74 - 1.33
Panola County...bbl. .73 - 1.03
Salt Flat...bbl. .96 - —
Tomball...bbl. .95 - 1.41
Van...bbl. .93 - —
West Beaumont...bbl. .79 - 1.38
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .67 - 1.01
Gray County...bbl. .72 - 1.06
West Texas:—
Artesia, N. M...bbl. .81 - .88
Crane...bbl. .92 - .95
Crockett...bbl. .93 - .95
Ector...bbl. .93 - .96
Eddy (N. M.)...bbl. .77 - —
Howard...bbl. .93 - .96
Jackson, N. M...bbl. .91 - .95
Lea, N. M...bbl. .93 - .96
Maljamar, N. M...bbl. .91 - .95
Mitchell...bbl. .93 - .95
Pecos...bbl. .95 - .97
Upton...bbl. .93 - .95
Winkler...bbl. .93 - .95
Ether, 30-60° dms., c.l., G. S. gal. .14 - —
l.c.l., G.S...gal. .25 - —
tanks, G.S...gal. .13 - —
35-60°, dms., l.c.l., G.S...gal. .30 - —
40-75°, dms., c.l., G.S...gal. .14 - —
l.c.l., G.S...gal. .25 - —
tanks, G.S...gal. .13 - —
laboratory grade, dms., c.l., G. S..gal. .14 - —
c.l., G.S...gal. .25 - —
10-gal. lots, G.S...gal. .50 - —
Lacquer, diluent, at refinery:—
California, 100 l.b.p., 200 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond..gal. .11 - —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
East Coast, tanks...gal. .09 - —
Group 3, tanks...gal. .07¾- .07½
Naphtha, cleaners', at refinery:—
East Coast, tanks...gal. .10 - —
Group 3, tanks...gal. .06¾- .06½
tankwagon, Boston, ex tax, gal. .13 - —
Bridgeport...gal. .13½- —
Chicago, inc. 4c. tax..gal. .17½- —
Decatur, inc. 4c. tax..gal. .186 - —
Des Moines, inc. 4c. tax.gal. .184 - —
Evansville, inc. ex tax.gal. .14½- .15½
Milwaukee, inc. 5c. tax, gal. .198 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax...gal. .10 - —
New York, ex tax...gal. .10 - —
Omaha, ex tax...gal. .144 - .154
Oklahoma City, ex tax.gal. .16 - —
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 1c. tax.gal. .15 - —
Syracuse, 150 gals...gal. .14 - —
smaller lots, galv. drums, gal. .10 - —
milk cans..gal. .21 - —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway...gal. .16 - —
2, over 90% arom., same basis..gal. .18 - —
3, tanks, f.o.b. Paulsboro, N. J...gal. .14 - —
30, same basis...gal. .15½- —
40, same basis...gal. .14½- —
v.m.&p., at refinery:—
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond..gal. .11½- —
Willbridge,Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 l.b.p., 310 e.p., tanks, divd., Los Angeles, gal. .10 - —
San Francisco...gal. .10½- —
Portland, Seattle...gal. .11 - —
East Coast, tanks...gal. .09 - —
Group 3, tanks...gal. .06¾- .06½
tankwagon, Boston, ex tax gal. .13 - .14
Chicago, inc. 4c. tax..gal. .16½- —
Petroleum, naphtha, v.m.&p., tankwagon, Decatur, inc. 4c. tax..gal. .186 - —
Des Moines, inc. 4c. tax.gal. .184 - —
Evansville, Ind., ex tax.gal. .147 - .157
Milwaukee, inc. 5c. tax..gal. .198 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax...gal. .11 - —
New York, ex tax...gal. .10 - —
Omaha, ex tax...gal. .144 - .154
Philadelphia, ex tax...gal. .12½- —
St. Louis, inc. 1c. tax.gal. .15.2- —
Solvent, rubber, at refinery, East Coast, tanks..gal. .09 - —
Group 3 light, 120 l.b.p., 250 e.p., tanks...gal. .06¾- .06¼
standard, 180 l.b.p., 288 e.p., tanks..gal. .06¾- .06½
Stoddard (CS 3-38), at refinery:—
East Coast, tanks...gal. .08½- —
Group 3, tanks...gal. .05¾- .06
tankwagon, Boston, ex tax.. gal. .12½- .13½
Chicago, inc. 4c. tax..gal. .159 - —
Decatur, inc. 4c. tax..gal. .181 - —
Des Moines, inc. 4c. tax.gal. .179 - —
Evansville, Ind.,ex tax.gal. .135 - .145
Milwaukee, inc. 5c. tax.gal. .193 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .177 - —
Newark, ex tax...gal. .09 - —
New Orleans, ex tax..gal. .11 - —
New York, ex tax...gal. .09 - —
Omaha...gal. .131 - .14
Philadelphia, ex tax...gal. .10½- .12½
St. Louis, inc. 1c. tax..gal. .129 - —
Tulsa, ex tax...gal. .10 - .11
Thinners, at refinery:—
California, 34, 225 l.b.p., 390 e.p., low anilin, 6,000 gal. tanks or transport trucks f.o.b. Los Angeles..gal. .15 - —
Portland, Ore...gal. .16 - —
Richmond...gal. .14½- —
Seattle, Wash...gal. .16½- —
44, 211 l.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal. .10½- —
Richmond...gal. .10 - —
Southern Calif...gal. .09½- —
56, 200 l.b.p., 300 e.p., tanks, f.o.b. El Segundo, gal. .11 - —
Portland, Ore...gal. .12 - —
Richmond...gal. .11½- —
Seattle, Wash...gal. .13 - —
East Coast, 43-47, tanks..gal. .08½- —
47-49, tanks...gal. .09¼- .10
New Jersey, tanks...gal. .09½- —
Group 3, tanks...gal. .06¾- .06½
tankwagon, tax included:—
Albany...gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .13½
25-99 gals...gal. .12½- .13½
Boston...gal. .13 - —
Bound Brook, North Amboy, N. J..gal. .11½- .13½
Bridgeport, Conn...gal. .11 - —
Buffalo...gal. .15 - —
Camden, N. J...gal. .10 - .12
Chicago...gal. .162 - —
Decatur, Ill...gal. .176 - —
Des Moines...gal. .174 - —
Evansville, Ind...gal. .137 - .147
Milwaukee...gal. .188 - —
Minneapolis-St. Paul...gal. .19 - —
Newark...gal. .09 - —
New York (200 gals.)..gal. .09 - —
Omaha...gal. .131 - .141
Philadelphia...gal. .10 - .12
Pittsburgh...gal. .11½- .13½
Providence...gal. .11½- —
Rochester...gal. .12 - —
St. Louis...gal. .142 - —
Syracuse...gal. .12½- —
Trenton...gal. .10 - —
Wilmington, Del...gal 10 - .12
Phenobarbital, bots., 5 lbs....lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs..lb. 4.00 - —
cns., 25 lbs...lb. 4.25 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .14½- .15½
l.c.l., same basis...lb. .15¼- .16¼
under 1,000 lbs...lb. .16¼- .17¼
tanks, works...lb. .13½- —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs., lb. .87 - .89
yellow, fib., dms., 2,000-lb. lots..lb. .80 - —
100-lb. fib., dms...lb. .82 - —
25-lb. dms...lb. .87 - —
50-lb. kgs...lb. .84 - —
Phenyl chloride, dms...lb. .17 - —
Phenylacetaldehyde, bots...lb. 2.10 - 3.50
Dimethylacetate, cns...lb.14.50 -15.00
Phenyl ethyl acetate, cns...lb. 2.45 - 2.50
Phenyl ethyl acetate, cns...lb. 2.45 - 2.50
Phenylethylphenyl acetate, bots., lb 7.90 -15.50
Phenylhydrazine, base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works..lb. 1.50 - —
pure, bbls., works...lb. 2.25 - —
Phloroglucinol, CP, tins, works.lb.20.00 -22.00
tech., tins, works...lb.15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton.1.90 - —
70% min., bulk, mines, long ton. 2.15 - —
72% min., bulk, mines..... long ton. 2.40 - —
75% basis, 74% min., bulk mines..long ton. 2.90 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs...lb. .40 - .44
yellow, dms...lb. .18 - .20
cases...lb. .23 - .25
Oxychloride, cyls...lb. .15 - .18
Pentoxide, dms., c.l., works, lb. .11 - .12
l.c.l., dms., wks...lb. .13 - .14
Sesquisulphide, cs...lb. .38 - .42
Trichloride, cyls...lb. .15 - .16
Phthalamide, bbls., tons...lb. .35 - —
single bbls...lb. .40 - —
kgs...lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis...lb. .15½- —
Pichi leaves, bgs...lb. .22 - .25
Pilocarpine hydrochloride, bots., vis..oz. 2.40 - 2.50
Nitrate, bots., vis...oz. 2.00 - 3.00
Pimento, bgs...lb. .15 - .15½
Pinkroot, bls...lb. .33 - .34
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l...ton.22.00 - —
hardwood, 1-time, dms., c.l., divd. Akron..ton.23.75 -24.00
Pitch, linseed, dms...lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls...bbl. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, southern, bls...lb. .14 - .16
western, bls...lb. .10½- .11

Podophyllin, dms., dlvd., E. of Miss.	lb.	4.50 - 4.70
Poke root, bls.	lb.	.07 - .07½
Pomegranate bark, bgs.	lb.	.16 - .17
Root bark, bgs.	lb.	.25 - .26
Poppy flowers, red, bls.	lb.	1.10 - 1.15
Seed, Dutch, bgs.	lb.	.06¾- .06¾
Polish, bgs.	lb.	.08 - .06½
Potash abietate	lb.	.08 - —
Acetate, tech., bbls., dlvd.	lb.	.26 - —
kgs., dlvd.	lb.	.28 - —
USP, bbls., 250 lbs.	lb.	.28 - —
kgs., 100 lbs.	lb.	.30 - —
cns., 25 lbs.	lb.	.33 - —
Arsenite, USP, solut., cbys., 100 lbs.	lb.	.11 - —
demj., 50 lbs.	lb.	.13 - —
Bicarbonate, USP, cryst., bbls., 300 lbs.	lb.	.15 - —
kgs., 100 lbs.	lb.	.17 - —
gran., bbls., 250 lbs.	lb.	.15 - —
kgs., 100 lbs.	lb.	.17 - —
Bichromate, spot, c.l., works.	lb.	.08¾- —
6 casks or 10 bbls., or over, works.	lb.	.09 - —
5 casks or 9 bbls., or less, works.	lb.	.09¼- —
Bromide, USP, gran., bbls., 500 lbs.	lb.	.31 - —
fib., dms., 100 lbs.	lb.	.32 - —
Carbonate, calc., dms., c.l., works.	lb.	.06½- —
l.c.l., same basis.	lb.	.06¾- —
hydrated, 85-85%, bbls., c.l., works.	lb.	.05½- —
l.c.l., same basis.	lb.	.05¾- —
liquid, dms., c.l., dlvd.	lb.	.03 - —
l.c.l., dms.	lb.	.03½- —
tanks, dlvd.	lb.	.02871½- —
USP, gran., bbls., 325 lbs.	lb.	.13½- —
powd., bbls., 325 lbs.	lb.	.19 - —
kgs., 100 lbs.	lb.	.21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works.	lb.	.07 - —
l.c.l.	lb.	.07¼- .07½
import, dms.	lb.	.07 - .07½
liquid, 45% basis, dms.	lb.	.03¼- .03¼
tanks	lb.	.02¾- —
solid, 88-92%, dom., dms., c.l., works.	lb.	.06¼- —
l.c.l.	lb.	.06½- .06¾
import, dms.	lb.	.06¼- .06¾
Chlorate, cryst., kgs.	lb.	.09¼- .09¾
gran., kgs.	lb.	.12 - .13
powd., kgs.	lb.	.08¼- .09
Chloride, tech., 98%, cryst., bgs., kgs.	lb.	.04 - .06
Chromate, kgs.	lb.	.24 - .27
Citrate, USP, gran., bbls., 250 lbs.	lb.	.32¾- —
kgs., 100 lbs.	lb.	.34½- —
cns., 50 lbs.	lb.	.35½- —
cns., 25 lbs.	lb.	.37½- —
Cyanide, cns., dms.	lb.	.50 - .55
Cyanide, gold, 41% gold, bots., works.	oz.	14.20 -15.45
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots.	lb.	.90 - —
100-lb. lots.	lb.	1.00 - —
50-lb. lots, cbys. or cns.	lb.	1.05 - —
25-lb. lots, cns.	lb.	1.15 - —
Guaiacolsulphonate, fib., dms. 100 lb. lots.	lb.	1.60 - 1.65
cns., 25 lbs.	lb.	1.75 - —
Hydroxide, USP, sticks, cns., 100 lbs.	lb.	.30½- .32
Hypophosphite, cns., 100 lbs.,	lb.	.72 - —
25 to 50 lbs.	lb.	.75 - —
Iodate, bots., 5 lbs.	lb.	3.31 - 3.35
cns., 25 lbs.	lb.	3.20 - —
Iodide, bbls., 250 lbs.	lb.	1.13 - —
bots, or cns.	lb.	1.22 - 1.48
dms.	lb.	1.13 - 1.16
Kainit, 20% K_2O, bulk, c.l.f., ports.	ton.	12.25 - —
Manure salt, dom., run of mine, approx. 30% K_2O, bulk, c.l.f. ports.	unit-ton.	.58½- —
import, 30% K_2O, bulk, shipt.	unit-ton.	.58½- —
Metabisulphite, kgs.	lb.	.11 - .12½
Muriate, dom., all strengths, min., 50% K_2O, bulk, unit-ton.		.53½- —
Import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports.. unit-ton.		.53½- —
Potash muriate prices in bags are $2 per ton higher than bulk price.		
Oxalate, pure, cryst., kgs.	lb.	.30 - .31
tech., bbls.	lb.	.25 - .26
Nitrate, crude, bgs., c.l.f. ports,	ton.	55.00 Nom.
Perchlorate, kgs., works.	lb.	.09 - .10½
Permanganate, tech., dms.	lb.	.18½- .19
Prussiate, red, bbls.	lb.	.30½- .34
Yellow, bbls.	lb.	.14 - .15
Ricinoleate, tech., bbls.	lb.	.13 - —
Silicate alkaline, lump, bgs.,	lb.	.07 - —
Sulphate, NF, cryst., bbls., 400 lbs.	lb.	.13 - —
kgs., 100 lbs.	lb.	.15 - —
powd., bbls., 350 lbs.	lb.	.14 - —
kgs., 100 lbs.	lb.	.16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports.	ton.	38.00 - —
l.c.l.	lb.	.13½- —
Xanthate, dms., c.l.	lb.	.13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., ships,	ton.	25.75 - —
Potash-titanium oxalate, kgs.	lb.	.35 - .40
Prickly ash bark, bls.	lb.	.10 - .15
Berries, bgs.	lb.	No stocks
Prince's pine herb, bls.	lb.	.16 - .17
Propane, tanks, G.S.	gal.	.03 - —
Psyllium seed (see Fleaseed).		
Pulsatilla, bls.	lb.	.17 - .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works.	lb.	.03 - —
less than 3, works.	lb.	.03½- —
F and 1, bbls., 3 or over, works.	lb.	.03½- —
less than 3, works.	lb.	.04 - —
O, O-½, O-¾, and ½, bbls., less than 3, works.	lb.	.04½- —
3 or over, works.	lb.	.04 - —
Ital-grd., bgs., c.l., shipt. ex dock, N.Y.	ton.	32.65 Nom.
l.c.l., 5-29 tons, ex whse.,	ton.	37.70 - —
1,000-10,000 lbs., ex whse.	ton.	38.70 - —
2 bgs. to 1,000 lbs., ex whse.	ton.	40.70 - —
single bgs., ex whse.	ton.	45.70 - —
Pumpkin seed, bgs.	lb.	.09 - .10
Purple lake (see Red).		
Putty, com'l, dms.	100 lbs.	4.00 - —
linseed oil, raw, dms.	100 lbs.	4.50 - —
refined, dms.	100 lbs.	5.00 - —
standard, dms.	100 lbs.	3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 3.4% pyrethrin (Seil test) 55-gal. dms. (incl.) frt. alld., E. of Rockies, standard brand.	gal.	6.25 - 6.35
basis (30 to 1) 3.6% pyrethrin, 55-gal. dms. (incl.) frt. alld. E. of Rockies, standard brand.	gal.	9.20 - 9.25
Pyrethrum, flowers, coarse, grnd. (g.d.p.) Japan, bgs., frt. alld., 15 tons or over.	lb.	.29 - .29½
fine powd. Japan, bbls., ton lots frt. alld.	lb.	.30 - .31
Pyridin, denaturing, dms.	gal.	1.63 - —
refd., 2°, dms.	lb.	.50 - —
Pyrites, Spanish, bulk, c.l.f. Atl. ports.	unit-ton.	.12-13 Nom.
Pyrocatechin, CP, cryst, works, fib, dms., tins.	lb.	2.15 - 2.40
resublimed, fib. dms., tins.	lb.	4.60 - —
Pyrophyllite, standard, 200 mesh, c.l. mines.	ton.	9.00 - —
325 mesh, same basis.	ton.	12.00 - —
No. 3, 200 mesh, c.l. mines.	ton.	7.50 - —
325 mesh, same basis.	ton.	10.50 - —
Pyroxlin, scrap, amber, cs., works.	lb.	.12 - —
black, cs., works.	lb.	.10 - —
China white, ivory, cs., works,	lb.	.13 - —
dense white, cs., works.	lb.	.10 - —
gray, cs., works.	lb.	.08 - —
mixed, mottles, opaque, cs., works.	lb.	.04 - —
shell-demi, cs., works.	lb.	.12 - —
translucent pastels, cs., works.	lb.	.10 - —
shell-demi, transparent, cs., works.	lb.	.20 - —
colors, cs., works.	lb.	.12 - —
shavings, amber, cs., works.	lb.	.16 - —
colors, mixed, cs., works.	lb.	.10 - —
white, cs., works.	lb.	.15 - —

Q

Quassia chips, bls.	lb.	.05 - .06
Quebracho extract, liquid, 25% tan, bbls., works.	lb.	.03¾- —
tanks, works.	lb.	.02¾- —
solid, 63%, bgs., c.l., ex dock, plus duty.	lb.	.04 - —
clarified, 64%, bgs., cl., same basis.	lb.	.04¼- —
Queen of the meadow leaves, bgs.	lb.	.07 - .08
Root, bgs.	lb.	.08 - .09
Quercitron, extract, liquid, 51°, bbls.	lb.	.07½- .08½
solid, dms.	lb.	.19 - .15½
Quicksilver, dom., flasks, (76 lbs. net, dlvd., N.Y. flasks.		95.00 -97.00
European, flasks, (76 lbs. net) in bond.	flask.	81.00 - —
Quince seed, bgs.	lb.	.70 1.10
Quinidine, cryst., small, cns.	oz.	.90 - —
large, cns.	oz.	.88 - —
powd., precip., cns.	oz.	.91 - —
Sulphate, cns.	oz.	.67 - —
Quinine, 100 ozs., cns.	oz.	.76 - —
Acetate, cns.	oz.	.99 - —
Arsenate, cns.	oz.	.99 - —
Arsenite, cns.	oz.	1.01 - —
Bisulphate, cns.	oz.	.54 - —
Citrate, cns.	oz.	.72 - —
Dihydrobromide, bots.	oz.	.75 - —
Dihydrochloride, bots.	oz.	.75 - —
Ethylcarbonate, cns.	oz.	.75 - —
Ferrocyanide, cns.	oz.	1.01 - —
Formate, cns.	oz.	.94 - —
Glycerophosphate, cns.	oz.	1.14 - —
Hydrochloride, cns.	oz.	.68 - —
Hydrochlorosulphate, cns.	oz.	.75 - —
Hydroiodide, cns.	oz.	.90 - —
Hypophosphite, cns.	oz.	.99 - —
Phosphate, cns.	oz.	.82 - —
Salicylate, cns.	oz.	.73 - —
Sulphate, USP, X, cns.	oz.	.54 - —
USP, XI, cns.	oz.	.61 - —
Sulphocarbolate, cns.	oz.	.97 - —
Tannate, cns.	oz.	.57 - —
Tartrate, cns.	oz.	.97 - —
Valerate, cns.	oz.	.93 - —
Quinine-urea hydrochloride, cns.	oz.	.75 - —

R

R, salt, dry, bbls.	lb.	.55 - —
paste, dms.	lb.	.52 - —
Rapeseed, Belgian, bgs.	lb.	.0585- .0605
Dutch, black, bgs.	lb.	.0660- .0680
red, bgs.	lb.	.07 - .07½
Japanese, bgs.	lb.	.05½- .06
Raspberries, dried, bls.	lb.	.28 - .30
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	1.10 - 1.90
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ¼c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City Wichita, prices are equalized with Chicago		
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld.	lb.	.85 - —
smaller lots, same basis,	lb.	.90 - —
kgs., ton lots, same basis,	lb.	.90 - —
smaller lots, same basis,	lb.	.95 - —
light shade, bbls., ton lots, same basis.	lb.	.70 - —
smaller lots, same basis,	lb.	.75 - —
kgs., ton lots, same basis,	lb.	.75 - —
smaller lots, same basis,	lb.	.80 - —
light-medium shade bbls., ton lots, same basis.	lb.	.75 - —
smaller lots, same basis,	lb.	.80 - —
kgs., ton lots, same basis,	lb.	.80 - —
smaller lots, same basis,	lb.	.85 - —
maroon shade, bbls., ton lots, same basis.	lb.	.95 - —
smaller lots, same basis,	lb.	1.00 - —
kgs., ton lots, same basis,	lb.	1.00 - —
smaller lots, same basis,	lb.	1.05 - —
medium shade, bbls., ton lots, same basis.	lb.	.80 - —
small lots, same basis,	lb.	.85 - —
kgs., ton lots, same basis,	lb.	.85 - —
smaller lots, same basis,	lb.	.90 - —
selenide, bbls., dark, works,	lb.	2.50 - —
light, works.	lb.	2.25 - —
Orange, bbls., 100-lb. lots, works.	lb.	1.50 - —
Carmine, 40 1-lb. cns., 500 lbs.,	lb.	4.15 - —
dms., 500-lb. lots.	lb.	4.00 - —
100-lb. lots	lb.	4.10 - —
Crocus martis (see Red, purple oxide.)		
Eosin toner, bbls.	lb.	1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y.	lb.	.08¾- —
80%-85%, bbls., same basis.	lb.	.07¼- —
Red, iron oxide (see Red, oxide)		
Lake C toner, bbls., same basis alizarin lake, contracts.	lb.	1.35 - —
open order.	lb.	1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contrs.	lb.	.62 - —
open order.	lb.	.67 - —
Rose lake, bbls.	lb.	.20 - .30
Pink, bbls.	lb.	.15 - .20
Lithol-rubine toner, bbls., same basis alizarin lake.	lb.	1.35 - -
Maroon lake, 25%, kgs., same basis alizarin lake conracts.	lb.	.40 - —
Oxide (see Red, purple oxide)		
Mercury oxide, tech., dom., bbls.	lb.	1.56 - —
Metallic, bbls., Pa., works.	lb.	.02 - —
Orange, Persian (see O).		
Oxide, pure, bbls., c.l., works.	lb.	.08½- —
l.c.l., works	lb.	.09¼- —
shell, dom., cs., works.	lb.	.12 - —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y.	lb.	.08½- —
80% copperas oxide, bbls., same basis.	lb.	.07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts.	lb.	.75 - —
open order	lb.	.80 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y.	lb.	.04½- .04⅝
ex whse., Chicago, St. Louis.	lb.	.05¾- —
San Fran., Los Ang., Portland, Seattle.	lb.	.05 - —
Phloxin toner (see Red, Eosin toner)		
Phosphotungstic rhodamine Y, kgs.	lb.	3.90 - —
Purple lake, kgs.	lb.	.60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis.	lb.	.08 - —
Toner, kgs.	lb.	1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake.	lb.	.50 - —
Lake, kgs., same basis alizarin lake.	lb.	.25 - .30
Spanish, oxide, bbls., f.o.b. N. Y.	lb.	.03¾- .0600
Toluidine toner, kgs., same basis alizarin lake.	lb.	1.20 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis.	lb.	.11 - .40
Venetian, bbls., works.	lb.	.0220- —
10%, bbls., works.	lb.	.0245- —
15%, bbls., works.	lb.	.0255- —
20%, bbls., works.	lb.	.02¾- —
25%, bbls., works.	lb.	.03 - —
30%, bbls., works.	lb.	.03¼- —
35%, bbls., works.	lb.	.0360- —
40%, bbls., works.	lb.	.04 - —
Vermillion, Amer., bbls., same basis alizarin lake.	lb.	.15 - —
quicksilver, bbls., 500 lbs.	lb.	1.57 - 1.58
smaller lots	lb.	1.61 - 1.69
Red dyes are listed under Dyes.		
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more.	lb.	1.81 - —
Red saunders wood, ground, bbls.,	lb.	.12 - .17
Resorcinol, tech., dms., works.	lb.	.75 - .80
USP, cryst., bbls., works.	lb.	1.50 - 1.55
Rhatany root, bgs.	lb.	.09 - .10
Rhodinol, bots.	lb.	5.55 -10.90
Rhubarb root, cs.	lb.	.48 - .49
powd., bbls., kgs.	lb.	.52 - .53
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't.	lb.	.18¾- —
smaller lots.	lb.	.19¼- —
powd., bbls., 5,000 lbs., 1 shipt.	lb.	.17¾- —
smaller lots.	lb.	.18¼- —
Rose flowers, pale, bls.	lb.	.40 - .45
red, bls.	lb.	2.20 - 2.25
Rosemary flowers, bls.	lb.	.25 - .30
Leaves, bls.	lb.	.05 - .05½
Rosin, gum, B, bbls., ex dock,	280 lbs.	4.50 - —
D, bbls.	280 lbs.	4.80 - —
E, bbls.	280 lbs.	5.05 - —
F, bbls.	280 lbs.	5.35 - —
G, bbls.	280 lbs.	6.05 - —
H, bbls.	280 lbs.	6.25 - —
I, bbls.	280 lbs.	6.25 - —
K, bbls.	280 lbs.	6.25 - —
M, bbls.	280 lbs.	6.35 - —
N, bbls.	280 lbs.	6.60 - —
W. G., bbls.	280 lbs.	7.20 - —
W. W., bbls.	280 lbs.	7.65 - —
X, bbls.	280 lbs.	7.65 - —
Rosin, wood, bbls.	280 lbs.	4.00 - 5.45
Rottenstone, dom., bgs., c.l., f.o.b. mines.	ton.	25.50 - —
l.c.l., f.o.b. mines.	ton.	37.50 - —
Import, lump, bbls.	lb.	.14 - —
powd., bbls.	lb.	.08½- .10
Rue, bls.	lb.	.15 - .16

S

Sabadilla seed, powd., bbls.	lb.	.18 - .19
Saccharin, dms., 100 lbs.	lb.	1.45 - —
cns., 25 lbs.	lb.	1.48 - 1.50
Safflower, bls.	lb.	.22 - .23
Saffron, Mexican, bls.	lb.	.25 - .26
Spanish, tins.	lb.	32.00 -33.00
Safrol, cns.	lb.	.52 - .53
dms.	lb.	.50 - .51
Sage, Dalmatian, stemless.	lb.	.05¾- .06
garden, bls.	lb.	.06¼- .06½
Sago flour, bgs.	lb.	.02½- .03¼
Salicin, bots., 5 lbs.	lb.	5.00 - —
cns., 25 lbs.	lb.	4.75 - —
Salol, gran., bbls., 200 lbs.	lb.	.90 - —
bxs., 25 lbs.	lb.	.93 - —
kgs., 100 lbs.	lb.	.90 - —
powd., fib. dms., 25 lbs.	lb.	1.03 - —
kgs., 100 lbs.	lb.	1.00 - —
Salt, rock, bgs., dlvd., N. Y.	ton.	13.20 -13.80
l.c.l., bgs., dlvd., N.Y.	ton.	15.00 -15.60
vacuum, common, fine, bgs., c.l., dlvd., N.Y.	ton.	14.00 - —
l.c.l., dlvd., N. Y.	ton.	15.00 -19.70
Saltcake, grd., dom., bbls., works,	ton.	19.00 -25.00
bulk, works	ton.	15.00 - —
import, bulk, c.i.f.	ton.	15.00 -16.00
Chrome (see Chrome cake).		
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls.	100 lbs.	7.50 - 8.25
1-9 tons	100 lbs.	7.65 - 8.40
less than ton lots.	100 lbs.	7.90 - 8.65
gran., bbls., 10-20 tons.	100 lbs.	6.50 - —
1-9 tons	100 lbs.	6.65 - —
less than ton lots.	100 lbs.	6.90 - —
powd., bbls., 10-20 tons.	100 lbs.	7.50 - —
1-9 tons.	100 lbs.	7.65 - —
less than ton lots.	100 lbs.	7.90 - —
Santonin, cryst., cns.	kilo.	40.00 -42.00
resale, cns.	lb.	19.00 -21.00
Saponin, crude, cns.	lb.	1.45 - —
purified, bots, 5 lbs.	lb.	1.65 - —
cns., 25 lbs.	lb.	1.50 - —
Sarsaparilla root, Honduras, bls.	lb.	.37 - .39
Mexican, bls.	lb.	.15 - .16
Sassafras, bark, ord., bls.	lb.	.12 - .13
select, bls.	lb.	.18 - .20
Savory, bbls.	lb.	.07½- .07¾
Saw palmetto berries, bgs.	lb.	.07 - .07½
Scammony root, bgs.	lb.	.06 - .07
Schaeffer's salt, bxs.	lb.	.48 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't.	lb.	.14¾- —
smaller lots.	lb.	.15¼- —
kegs, 5,000 lbs., 1 shipm't.	lb.	.15¼- —
smaller lots.	lb.	.15¾- —

Podophyllin—Soda Ash

Selenium, pwd., A, 10-lb. tins.	lb.	2.00 - —
100-lb. cases.	lb.	1.75 - —
Senega root, bls.	lb.	.65 - .70
Senna leaves, Alexandria, bls.	lb.	.10 - .14
siftings, bls.	lb.	.09 - .09½
Tinnevelly, No. 1, bls.	lb.	.09 - .10
2 bls.	lb.	.07 - .08
3 bls.	lb.	.05 - .05½
powd., bbls., bxs.	lb.	.09 - .10
Pods, bls.	lb.	.05½- .06
Serpentaria root, bls.	lb.	.68 - .70
Shellac, bleached, bonedry, bbls., f.o.b., N.Y.	lb.	.18 - .19
dlvd. Boston	lb.	.18½- .19½
Chicago	lb.	.18¾- .19¾
Pacific Coast	lb.	.21 - .22
bonedry, refd., bbls., f.o.b., N.Y.	lb.	.25 - —
dlvd. Boston	lb.	.25½- —
Chicago	lb.	.25¾- —
Pacific Coast	lb.	.28 - —
Garnet, bgs.	lb.	.12½- .18
Orange, D.C., VSO., Diamond I, cases.	lb.	.19 - .20
Superfine, bgs., f.o.b. Bost., N. Y.	lb.	.10½- .11
dlvd., Chicago	lb.	.11 - .11½
Pacific Coast	lb.	.13½- .14
T.N., bgs., f.o.b. Bost., N.Y.	lb.	.10 - .10½
dlvd. Chicago	lb.	.10½- .11
Pacific Coast	lb.	.13 - .13½
Shellac varnish, orange, 5-lb. cut., bbls.	gal.	.90 - .95
4½-lb. cut, bbls.	gal.	.85 - .90
4-lb. cut, bbls.	gal.	.80 - .85
white, 5-lb. cut, bbls.	gal.	1.00 - 1.10
4½-lb. cut, bbls.	gal.	.95 - 1.05
4-lb. cut, bbls.	gal.	.90 - 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works.	ton.	17.00 - —
l.c.l., 2½ tons, works.	ton.	19.00 - —
smaller lots, works.	ton.	20.00 - —
wet-grd., 95-97%, 325 mesh., bgs., c.l., works.	ton.	18.00 - —
l.c.l., 2½ tons, work.	ton.	19.50 - —
smaller lots, works.	ton.	21.00 - —
400 mesh, bgs., c.l., works,	ton.	35.00 - —
l.c.l., 2½ tons, works.	ton.	36.50 - —
smaller lots, works.	ton.	38.00 - —
wet-grd., 95-98%, 325 mesh, bgs., c.l., works.	ton.	20.00 - —
l.c.l., 2½ tons, works.	ton.	21.50 - —
smaller lots, works.	ton.	23.00 - —
90%, 325 mesh bgs., c.l., works.	ton.	22.00 - —
l.c.l., 2½ tons, works.	ton.	25.50 - —
smaller lots.	ton.	27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works.	ton.	11.00 - —
l.c.l., works.	ton.	16.00 - —
Silver bullion	oz.	.42¾- —
Govt. purchase	oz.	.4464- —
Cyanide, cns., 1,000 ozs.	oz.	.39¼- —
500-999 ozs.	oz.	.39¾- —
90-499 ozs.	oz.	.40¾- —
16-79 ozs.	oz.	.42¼- —
Nitrate, vis.	oz.	.31½- .33½
Nucleinate, bots., cns., 480 oz., lots.	oz.	.30 - .31
Proteinate, bots., cns., 480 oz., lots.	oz.	.29 - .30
Simarubra bark, bls.	lb.	.26 - .29
Skatol, bots.	lb.	75.00 -80.00
Skullcap, Eastern, bls.	lb.	.16 - .17
Western, bls.	lb.	.14 - .17
Skunk cabbage root, bls.	lb.	.11 - .13
Slate flour, bgs., c.l., works.	ton.	9.00 - —
l.c.l., works	ton.	10.00 -15.00
Sloe berries, bgs.	lb.	.10 - .11
Smalt, black, extra velvet, cnts.,	lb.	.05 - .06
Blue, cts.	lb.	.07 - .06¼
Snakeroot, Canada, bls.	lb.	.24 - .26
Soapbark, bls.	lb.	.07 - .08
crushed, bls., bbls.	lb.	.11 - .12
cut, bls., bbls.	lb.	.11½- .12
powd., bbls.	lb.	.14 - .14⅝
Soda, acetate, anhyd., dms., dlvd.	lb.	.08¼- .10
flake, gran., powd., 60% dms., c.l., dlvd.	lb.	.04 - —
l.c.l., dlvd.	lb.	.04½- .05
powd., 90%, dms., c.l., dlvd.,	lb.	.06 - —
l.c.l., dlvd.	lb.	.06¾- —
Alginate, dms., bbls., works.	lb.	.71 - .95
Antimoniate, bbls.	lb.	.11½- .12
Arsenate, dms., dealers, c.l., works.	lb.	.08 - —
l.c.l., dms., works.	lb.	.08½- —
Arsenite, dry, gray, dms., c.l., dealers' works.	lb.	.07½- .09½
l.c.l., dms., works.	lb.	.08 - .10
white, dms., c.l., dealers' works.	lb.	.09 - .11
l.c.l., dms., works.	lb.	.09½- .11½

Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Soda ash, dense, 58%, bgs., c.l., works.	100 lbs.	1.10 - —
l.c.l., Zone 1.	100 lbs.	2.13 - —
2	100 lbs.	2.28 - —
3	100 lbs.	2.33 - —
4	100 lbs.	2.93 - —
bbls., c.l., works.	100 lbs.	1.35 - —
58%, l.c.l., Zone 1.	100 lbs.	2.35 - —
2	100 lbs.	2.50 - —
3	100 lbs.	2.75 - —
4	100 lbs.	3.15 - —
bulk, c.l., works.	100 lbs.	.95 - —
extra light., 58%, bgs., c.l., works.	100 lbs.	1.08 - —
l.c.l., Zone 1.	100 lbs.	2.08 - —
2	100 lbs.	2.23 - —
3	100 lbs.	2.48 - —
4	100 lbs.	2.88 - —
bbls., c.l., Zone 1.	100 lbs.	1.45 - —
2	100 lbs.	2.60 - —
3	100 lbs.	2.80 - —
4	100 lbs.	3.25 - —
l.c.l., Zone 1.	100 lbs.	2.45 - —
bulk, c.l.	100 lbs.	.90 - —
light, 58%, bgs., c.l., works.	100 lbs.	1.03 - 1.09
l.c.l., Zone 1.	100 lbs.	2.08 - —
2	100 lbs.	2.23 - —
3	100 lbs.	2.48 - —
4	100 lbs.	2.88 - —
bbls., c.l., works.	100 lbs.	1.35 - —
l.c.l., Zone 1.	100 lbs.	2.35 - —
2	100 lbs.	2.50 - —
3	100 lbs.	2.75 - —
4	100 lbs.	3.15 - —
bulk, c.l.	100 lbs.	.90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

MAY 1939

Soda Benzoate—Soda Tungstate

Soda, benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs., or more, lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, USP, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y...100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N Y..100 lbs. 2.76 - —
tech., bbls., c.l., wks..... 100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l. .....100 lbs. 1.90 - 1.95
Bichromate, spot, c.l., works.. lb. .06¾- —
l.c.l., 6 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks, or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11¼- .12
Bisulphite, powd., bbls., c.l., bbls., wks..100 lbs. 3.30 - 3.55
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
63 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
Soda, bisulphite, solution, 35 degs., bbls., c.l., works..100 lbs. 1.40 - —
l.c.l., bbls., works.100 lb. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate bots., 5 lbs.....lb. 5.81 - —
jars 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda memohydrated, soda sal)
Caustic, flake, 76%, powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l. same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works..100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works. 100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., wurks..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Soda, chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, U.S.P., VIII, gran. bbls., 225-lb. lots..lb. .18½- —
cns., 50-lb. lots.....lb. .20½- —
25-lb. lots.....lb. .22½- .23½
kgs., 100-lb. lots.....lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lbs. lots.....lb. .25½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
import, 90%, cs.....lb. .12¾- .13¾
Cyanide, gold, 46% gold, bots., works..oz.15.85 -17.10
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
95%, bbls., c.l., same basis, lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots.lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —

Soda, hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP., sticks, cns., 100-lb. lots..lb. .20½- .22
Hypophosphite, N.F., cns., 100-lb. lots..lb. .67 - —
Hyposulphite, cryst., large, bgs., c.l., wks., frt. equal'd.100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks., frt. equal'd. 100 lbs. 2.50 - —
bbls., same basis...100 lbs. 2.70 - —
100 lbs. 2.40 - 2.65
Hyposulphite, pea bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., wks.. 100 lbs. 3.10 - 3.35
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks., 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 2.10 - —
bots .....lb. 2.21 - 2.47
Mandelate, bots., 5 lbs.....lb. 3.30 - —
fib. dms., 100-lb. lots.....lb. 3.05 - —
smaller lots.....lb. 3.15 - 3.20
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., wks..100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., April-June delivery, f.o.b. cars producing point or ports, rail or boat shipment..ton.29.00 - —
200-lb. bgs., same basis.ton.28.30 - —
bulk, same basis.....ton.27.60 - —
rfd., gran., bbls., 10 tons.. 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
pwd., bbls., ton lots.100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., wks, frt. equalized, lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .08 - —
l.c.l. .....lb. .08¼- .11¼
Soda nitrite l.c.l price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .10 - .11
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 4.53 - —
l.c.l., works.....100 lbs. 5.51 - —
bbls., c.l., works..100 lbs. 4.73 - —
l.c.l., works .....100 lbs. 5.71 - —
cryst., tech., bgs., c.l., works, 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works..100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works.. 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works...100 lbs. 2.70 - —
l.c.l., works .....100 lbs. 3.10 - —
USP (dibasic), bbls., works, lb. .09 - .11
dried, bbls., dms., works.lb. .11½- .14
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .09½- —
contracts .....lb. .09 - —
smaller lots.....lb. .09¾- —
contracts .....lb. .09¼- —
Pyrophosphate, anhy., bgs., c.l., wks., frt. equal'd.100 lbs. 5.10 - —
l.c.l., same basis..100 lbs. 5.35 - 5.60
bbls., c.l., wks., frt. equalized..100 lbs. 5.30 - —
l.c.l., same basis..100 lbs. 5.55 - 5.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs. .....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
Sesquisilicate, 20 dms., and up, dlvd. N.Y.C..100 lbs. 3.65 - —
5-19 dms .....100 lbs. 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .04½- .04¾
import, bbls. .....lb. .03¾- .04¼
Stannate, dms.....lb. .32 - .35
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works.. 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. 1.75 - 1.85
tech.. kgs.....lb. 1.05 - 1.10

DU PONT ANNOUNCES LOWER PRICES FOR TRICHLORETHYLENE AND PERCHLORETHYLENE

Effective immediately, we are pleased to announce a substantial reduction in the price of Trichlorethylene, TRICLENE* (special grade of trichlorethylene for dry-cleaning), CECOLENE* No. 1 (special grade of trichlorethylene for metal degreasing), Perchlorethylene, PER-CLENE* (special grade of perchlorethylene for dry-cleaners), and CECOLENE No. 2 (special grade of perchlorethylene for metal degreasing).

These lower prices are consistent with Du Pont's policy to reduce prices, whenever possible, in order to stimulate new applications and expand the uses of its products. For new schedule of prices on industrial and special grades of Trichlorethylene and Perchlorethylene, consult our nearest district office or your local distributor.

**Reg. U. S. Pat. Off.*

DU PONT
REG. U. S. PAT. OFF.

E. I. DU PONT DE NEMOURS & COMPANY, INC.
The R. & H. Chemicals Department
Wilmington, Delaware
District Sales Offices: Baltimore, Boston, Charlotte, Chicago, Cleveland, Kansas City, Newark, New York, Philadelphia, Pittsburgh, San Francisco

Solvent, high-flash, dms., works, frt., equald..gal.	.31	-	—
tanks, same basis.....gal.	.26	-	—
naphtha, solvent, dms., works, gal.	.31	-	—
tanks, E. of Omaha, frt., alld. gal.	.26	-	—
W. coast, f.o.b., Minnequa, Colo..gal.	.26	-	—
Sorbitol, com'l, solut., dms., c.l., works..lb.	.15½	-	—
l.c.l. .....lb.	.16	-	—
Sparteine sulphate, cns.....oz.	1.00	-	1.05
Spearmint leaves, bls.....lb.	.17½	-	.18
Spikenard root, bls.....lb.	.11	-	.12
Spruce extract, reg., bbls., c.l., works..lb.	.01¾	-	—
tanks, works.....lb.	.01¼	-	—
powd., super, bgs, c.l., works. lb.	.04	-	—
super, bbls., c.l., works.....lb.	.01¾	-	—
tanks, works.....lb.	.01¼	-	—
Squawvine leaves, bls.....lb.	.11	-	.12
Squill, red, bls.....lb.	.14	-	.15
white, bls. .....lb.	.06½	-	.07
powd., bbls., bxs.....lb.	.13	-	—
St. Ignatius beans, bgs.....lb.	.40	-	.42
St. John's bread, edible, bls., lb.	.07	-	.07½
inedible, bls. .....lb.	.05	-	.06
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs.	2.55	-	2.85
divd., N. Y. .....100 lbs.	2.90	-	3.10
powd., bgs., f.o.b. Chicago, 100 lbs.	2.65	-	2.85
divd., N. Y. .....100 lbs.	3.00	-	3.20
Potato, dom., bgs.....lb.	.04	-	.05
import, bgs. .....lb.	.05	-	.06
Rice, bbls. .....lb.	.06½	-	.07¼
Wheat, thick boil, bgs.....lb.	.05		Nom.
Staveacre seed, bgs.....lb.	.15	-	.16
Stearin, oleo, bbls.....lb.	.05¾	-	.06
Stillingia root, bls.....lb.	.07½	-	.08
Stoneroot, bls.....lb.	.07½	-	.08
Storax, cs. .....lb.	.48	-	.49
Stramonium leaves, bls.....lb.	.13	-	.14
Seed, bgs. .....lb.	.09	-	.10
Strontium bromide, fib, dms...lb.	.57	-	.58
kgs., 150 lbs.....lb.	.55	-	—
Carbonate, N.F., IV, 250-lb. bbls..lb.	.30	-	—
25-lb. bxs.....lb.	.35	-	—
100-lb. kgs.....lb.	.32	-	—
tech., 99-100 pc., precip., bbls., lb.	.16½	-	.17½
Chloride, bbls.....lb.	.11	-	.12½
Iodide, bots., 5 lbs.....lb.	2.90	-	—
jars, 25 lbs.....lb.	2.85	-	—
Nitrate, dom., bbls., c.l., works. lb.	.07¾	-	—
25 bbls. and over.....lb.	.08¼	-	—
1-24 bbls. and over..lb.	.08¾	-	—
Strophanthus seed, Kombe, bgs.lb.	1.05	-	1.10
Styralyl acetate, bots.....lb.	6.75	-	7.00
Strychnine, cryst., cns., 100-oz. lots..oz.	.50	-	—
powd., cns., 100-oz. lots..oz.	.40	-	—
Acetate, 25-oz. cns., 100-oz. lots..oz.	.66	-	—
Arsenate, 25-oz., cns., 100-oz. lots..oz.	.68	-	—
Arsenite, 25-oz. cns., 100-oz. lots..oz.	.66	-	—
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz.	.67	-	—
Hydrochloride, 25-oz. cns., 100-oz. lots..oz.	.66	-	—
Hypophosphite, 25-oz. cns., 100-oz. lots..oz.	.77	-	—
Nitrate, 25-oz. cns., 100-oz. lots..oz.	.60	-	—
Phosphate, 25-oz. cns., 100-oz. lots..oz.	.67	-	—
Sulphate, cryst., cns., 100-oz. lots..oz.	.42	-	—
powd., cns., 100-oz. lots, oz.	.52	-	—
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb.	.45	-	—
tech., bbls., l.c.l., works....lb.	.40	-	—
Sugar coloring, bbls.....gal.	.70	-	1.10
Milk, bbls., c.l.....lb.	.15	-	—
l.c.l., 10 or over.....lb.	.16	-	—
less than 10.....lb.	.17	-	—
Sulfanilamide, 5 lb., bots...lb.	1.40	-	—
db., dms., 1,000 lbs., 1 delivery, lb.	1.00	-	—
100 lbs. .....lb.	1.05	-	—
Sulphonethylmethane, kgs.....lb.	6.75	-	6.80
Sulphonmethane, kgs.....lb.	5.25	-	5.50
Sulphur, crude, bulk, f.o.b. cars, mines, contracts....long-ton.	16.00	-	—
f.o.b. steamers, Gulf ports, contract..long ton.	17.50	-	—
ex vessels, Atlantic seaboard, contract..long ton.	20.50	-	—
Puget Sound, Columbia River, and British Columbia parts, bulk, contract.. long ton.	22.00	-	—
flowers, bgs., c.l., works. 100 lbs.	3.00	-	—
bbls., works.....100 lbs.	3.35	-	—
l.c.l., bgs., works..100 lbs.	3.35	-	3.75
bbls., works.....100 lbs.	3.70	-	4.10
refined, broken, bgs., c.l., works..100 lbs.	2.15	-	—
bbls., works.....100 lbs.	2.80	-	—
l.c.l., bgs., works....100 lbs.	2.80	-	2.90
bbls., works.....100 lbs.	2.65	-	3.05
flour, comm'l, bgs., c.l., works..100 lbs.	1.60	-	—
bbls., c.l., works..100 lbs.	1.95	-	—
l.c.l., bgs., works..100 lbs.	1.95	-	2.35
bbls., works.....100 lbs.	2.30	-	2.70
extra fine, bgs., c.l., works, 100 lbs.	2.85	-	—
bbls., works.....100 lbs.	3 20	-	—
l.c.l., bgs., works....100 lbs.	3.20	-	3.60
bbls., works.....100 lbs.	3.55	-	3.95
heavy, bgs., c.l., wks..100 lbs.	2.55	-	—
bbls., works....100 lbs.	2.90	-	—
l.c.l., bgs., works, 100 lbs.	2.90	-	3.30
bbls., works....100 lbs.	3.25	-	3.65
light, bgs., c.l., works. 100 lbs.	2.65	-	—
bbls., works....100 lbs.	3.00	-	—
l.c.l., bgs., works, 100 lbs.	3.00	-	3 40
bbls., works....100 lbs.	3.35	-	3.75
rock, virgin, bbls., c.l., works, 100 lbs.	2.15	-	—
l.c.l., bbls., works.100 lbs.	2.50	-	2.90
roll, bgs., c.l., works..100 lbs.	2.35	-	—
bbls., works....100 lbs.	2.50	-	—
l.c.l., bgs., works..100 lbs.	2.70	-	3.10
bbls., works....100 lbs.	2.85	-	3.25
rubber maker's, com'l, 99½%, c.l., frt. alld..100 lbs.	2.00	-	—
bbls., same basis, c.l. 100 lbs.	2.35	-	—
refined, 100%, bgs., c.l., frt. alld..100 lbs.	2.35	-	—
bbls., same basis.100 lbs.	2.70	-	—
Chloride, 55-gal. dms., c.l...lb.	.06	-	—
l.c.l., dms., works....lb.	.04	-	—
10-gal. dms., c.l.....lb.	.07	-	—
l.c.l. .....lb.	.08	-	—
Dioxide, liq., com'l, cyls., works..lb.	.07	-	.09
multi-unit cars, works..lb.	.04½	-	.07
tanks, works.....lb.	.04	-	.05
refrigeration, cyls., works.lb.	.16	-	.40
multi-unit cars, works..lb.	.07½	-	.10
Iodide, bots., jars.....lb.	3.90	-	—
Precip., USP, bbls.....lb.	.17	-	.22
Sumac, grd., Sicilian, bls....ton.	67.00	-	—
leaf, bales.....ton.	70.00	-	—
Extract, 42°, bbls.....lb.	.05¼	-	—
51°, bbls.....lb.	.06½	-	—
stainless, bbls.....lb.	.06½	-	.08½
Sunflower seed, Calif., large, bgs.. lb.	.06	-	.06½
medium, bgs. .....lb.	.05	-	.05½
poultry, bgs.....lb.	.03¾	-	.04
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton.	8.00	-	—
run-of-pile, basis 16%, bulk, same basis..ton.	7.50	-	—
triple, 40-48%, a.p.a. bulk, f.o.b. Balto..unit-ton.	.70	-	—

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Talc., dom., Calif., 1, bgs., c.l., mills..ton.	20.00	-	—
2, bgs , c.l., mills.....ton.	17.00	-	—
N.Y., fibrous, 93-94%, 325 mesh bgs., c.l., mills.. ton.	14.00	-	—
l.c.l., mills.....ton.	16.00	-	—
96-98%, 325 mesh, bgs., c.l., mills..ton.	15.00	-	—
l.c.l., mills.....ton.	17.00	-	—
98-99½%, 325 mesh, bgs., c.l., mills..ton.	15.25	-	—
l.c.l., mills.....ton.	17.25	-	—
90.85-99.95%, 325 mesh, bgs., c.l., mills...ton.	17.00	-	—
coarse, off color, bgs., c.l., mills..ton.	11.00	-13.00	
Ohio, flake, type, grd., bgs., c.l., mills..ton.	21.00	-	—
l.c.l., mills.....ton.	24.50	-	—
Vermont, bgs., c.l., mills. ton.	14.00	-	—
l.c.l., ex whse.....ton.	25.00	-	—
Canad., bgs., c.l., mills....ton.	11.50	-13.00	
French, high-grade, bgs., l.c.l., ex whse..ton.	45.00	-60.00	
ordinary, bgs., c.l., ex dock, arrival..ton.	23.00	-25.00	
l.c.l., ex whse.....ton.	27.50	-32.50	
Italian, 1, bgs., ex dock, arrival. ton.	65.00	-67.00	
ex whse.....ton.	35.00	-	—
2, bgs., ex dock, arrival.ton.	60.00	-62.00	
Tallow, animal, edible, bbls..lb.	.05½	Nom.	
extra, loose, works.....lb.	.05¼	-	—
special, loose, works.....lb.	.05¼	-	—
vegetable, ship, cs.....lb.	.06½	Nom.	
sulphonated, 35% (24% fat), dms., c.l..lb.	.03¾	-	—
l.c.l. .....lb.	.04¼	-	—
50% (43% fat), dms., c.l., lb.	.05¾	-	—
l.c.l. .....lb.	.06¾	-	—
50% (48% fat), dms., c.l..lb.	.05¾	-	—
l.c.l. .....lb.	.06¾	-	—
Tamarind, W. I., bbls.....lb.	.05	-	.05½
kegs .....keg.	5.00	-	5.25
Tankage, animal, dom., grd., 9% ammon., 10% b.p.l., bulk..unit-ton.	3.25 &		.10
unground feeding, 9-11% ammon., 15-20% b.p.l., bulk, unit-ton.	3.55 &		.10
fertilizer grade, 10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton.	3.25 &		.10
high-grade feeding, bulk, Chicago..unit-ton.	3.75 &		.10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, May shipt. unit-ton.	3.25 &		.10
Tansy leaves, bls.....lb.	.17	-	.18
Tapioca flour, bgs.....lb.	.01¾	-	.03¾
Tar acid oil, 15%, dms., c.l., works..gal.	.21	-	—
l.c.l., same basis.....gal.	.24	-	—
25%, dms., c.l., works....gal.	.25	-	—
l.c.l., same basis.....gal.	.28	-	—
Tar, pine, retort, dms., c.l., divd. E. cities..gal.	.25	-	.26
ports .....gal.	.25	-	—
l.c.l. .....gal.	.26	-	—
tanks, divd. E. cities....gal.	.20	-	—
Tarragon herb, bgs.....lb.	.30	-	.31
Tartar emetic, tech., fine gran., bbls., 5 or more..lb.	.27¾	-	—
less than 5.....lb.	.28	-	—
powd., bbls., 5 or more..lb.	.27¾	-	—
less than 5.....lb.	.28	-	—
USP, powd., bbls.....lb.	.32	-	.33½
Terebene, cans.....lb.	.70	-	.75
Terpinyl acetate, cns.....lb.	.77	-	.85
Terpin hydrate, kgs.....lb.	.45	-	.46
Terpineol, CP, cns.....lb.	.25	-	—
dms. .....lb.	.23	-	—
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb.	.17	-	—
Terra alba (see Gypsum).			
Tetrachloroethane, dms.,works.lb.	.08	-	.08½
Tetrachloroethylene, CP, dms..lb.	.21½	-	—
tech. (see Perchloroethylene).			
Tetralin, dms. .....lb.	.12	-	—
Tetrasodium pyrophosphate (see soda pyrophosphate).			
Thallium sulphate, 99% pure, bots., wks..lb.	5.00	-	7.00
Theobromine, cns. .....lb.	2.10	-	2.40
Sodiosalicylate, cns. .....lb.	1.75	-	1.85
5-lb. bots. .....lb.	2.01	-	—
Thiocarbanilide, dms. .....lb.	.24	-	—
Thorium nitrate, cs., works...lb.	2.00	-	—
Thyme, French, bls.....lb.	.11½	-	.12
Thymol, dms., 100 lbs.....lb.	1.40	-	—
cns., 25 lbs.....lb.	1.45	-	—
Iodide, kgs., 50 lbs.....lb.	3.25	-	3.30
25 lbs. .....lb.	3.35	-	3.40
Timbo root, powd., 4% rotenone. bbls..lb.	.18	-	.26
5% rotenone, bbls.....lb.	.22	-	.30
Tin chloride (ous), anhyd.....lb.	.45½	-	.46
Crystals, bbls., kg.....lb.	.38	-	.38½
Metal, Straits.....lb.	.48¾	-	—
Oxide, bbls. .....lb.	.50	-	.52
Tetrachloride, anhyd., bbls..lb.	.24¾	-	—
Titanium, dioxide, bgs., c.l. (20 tons), frt. pd..lb.	.14	-	—
l.c.l., 5 tons, E. frt. pd. lb.	.14¼	-	—
Pac. Cst., ex whse..lb.	.14¼	-	—
1,000-9,999 lbs., E. frt. pd..lb.	.14½	-	—
Pac. Cst., ex whse..lb.	.14½	-	—
50-999 lbs., E. frt. pd. lb.	.14¾	-	—
Pac. Cst., ex whse..lb.	.14¾	-	—
under 50 lbs., E. frt. pd. lb.	.17	-	—
Pac. Cst., ex whse..lb.	.17	-	—
bbls., c.l. (20 tons), frt. pd. lb.	.14¼	-	—
l.c.l., 5 tons, E. frt. pd. lb.	.14½	-	—
Pac. Cst., ex whse....lb.	.14½	-	—
1,000-9,999 lbs., E. frt. pd. lb.	.14¾	-	—
Pac. Cst., ex whse....lb.	.14¾	-	—
50-999 lbs., E. frt. pd...lb.	.15	-	—
Pac. Cst., ex whse....lb.	.15	-	—
chalk-resistant, bgs., c.l. (20 tons), frt. pd..lb.	.15	-	.17
l.c.l., 5 tons, frt. pd....lb.	.15¼	-	.17¼
1,000-9,999 lbs., frt. pd.lb.	.15½	-	.17½
5-999 lbs., frt. pd.....lb.	.15¾	-	.17¾
Under 50 lbs., frt. pd..lb.	.18	-	.20
Phthalate-treated, bgs., c.l., (20 tons), frt. pd..lb.	.22	-	—
l.c.l., 5 tons, E. frt. pd. lb.	.22¼	-	—
Pac. cst., ex whse..lb.	.22¼	-	—
1,000-9,999 lbs., E. frt. pd..lb.	.22½	-	—
Pac. cst., ex whse..lb.	.22½	-	—
50-999 lbs., E. frt. pd..lb.	.22¾	-	—
Pac. cst., ex whse..lb.	.22¾	-	—
under 50 lbs., frt. pd. lb.	.25	-	—
Titanium, phthalate-treated, bbls., c.l. (20 tons), frt. pd..lb.	.22¼	-	—
l.c.l., 5 tons, E. frt. pd..lb.	.22½	-	—
Pac. Cst., ex whse..lb.	.22½	-	—
1,000-9,999 lbs., E. frt. pd..lb.	.22¾	-	—
Pac. Cst., ex whse..lb.	.22¾	-	—
50-999 lbs., E. frt. pd. lb.	.23	-	—
Pac. Cst., ex whse..lb.	.23	-	—
Pigment, barium, calcium, or magnesium base, c.l., D. frt. alld..lb.	.05¾	-	—
l.c.l., divd.....lb.	.05¾	-	—
Pac. cst., ex whse..lb.	.05¾	-	—
under 50 lbs., E. divd.lb.	.06¾	-	—
bbls., c.l., D., frt. alld..lb.	.05¾	-	—
l.c.l., E., divd.....lb.	.06¼	-	—
Pac. Cst., ex whse..lb.	.06½	-	—
Tolidin base, distilled, kgs....lb.	.80	-	—
Tolu, balsam, cns.....lb.	.45	-	.46
Toluidin, mixed, dms.....lb.	.60	-	—
Toluol (toluene), pure, dms., works..gal.	.27	-	—
tanks, E. of Omaha, frt. alld. gal.	.22	-	—
W. Coast, f.o.b. Minnequa, Colo..gal.	.22	-	—
Nitration, dms., wks.....gal.	.26¼	-	—
tanks, E. of Omaha, frt. alld. gal.	.23¼	-	—
Tonga vine, NF, bls.....lb.	.26	-	.28
root, bls.....lb.	.40	-	.41
Tonka beans, Angostura, cks..lb.	2.40	-	2.50
Brazilian, Surinam, cs.....lb.	1.00	-	1.10
Triacetin, dms. .....lb.	.26	-	—
Triamyl borate, dms., l.c.l., works..lb.	.27	-	—
Triamylamine, dms., c.l., works. lb.	.77	-	—
l.c.l., works.....lb.	.80	-	—
Tributylamine, dms., c.l., works, lb.	.67	-	—
l.c.l. .....lb.	.70	-	—
Tributyl citrate, dms., l.c.l., divd..lb.	.35	-	—
Phosphate, dms., l.c.l., divd.. lb.	.42	-	—
cns., works .....lb.	.46	-	.48
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1..lb.	.08	-	—
5 dms., same basis.....lb.	.08½	-	—
less than 5 dms., same basis. lb.	.08¾	-	—
Zone 2, dms., c.l., works, frt. alld..lb.	.08½	-	—
5 dms., same basis.....lb.	.09	-	—
less than 5 dms., same basis. lb.	.09¼	-	—
Zone 3, dms., c.l., works, frt. all..lb.	.09	-	—
5 dms., same basis.....lb.	.09½	-	—
less than 5 dms., same basis. lb.	.09¾	-	—
Zone 4, dms., c.l., f.o.b. stock points..lb.	.09	-	—
5 dms., same basis.....lb.	.09½	-	—
less than 5 dms., same basis. lb.	.09¾	-	—

Zone 1 includes territory east of the Mississippi River; Zone 2, Southern Atlantic States; Zone 3, Rocky Mountain States, and Zone 4, Pacific Coast.

Tricresyl phosphate, CP, cns., divd..lb.	.40½	-	.51½
dms., c.l., divd.....lb.	.34½	-	—
500 lbs., divd.....lb.	.37½	-	—
tech., dms., c.l.....lb.	.22	-	—
500 lbs., dms.....lb.	.22¼	-	—
less than 500 lbs.....lb.	.25½	-	.36½
Triethanolamine, dms., c.l., works, lb.	.19	-	—
l.c.l., works.....lb.	.20	-	—
tanks, works.....lb.	.19	-	—
Triethyl phosphate, dms., divd., lb.	.45	-	—
Triethyleneglycol, dms., l.c.l., works..lb.	.26	-	—
Trimethyl phosphate, cns.....lb.	.54	-	.56
dms., divd.....lb.	.50	-	—
Trimethylamine, dms., c.l., divd., lb.	1.00	-	—
l.c.l., divd.....lb.	1.05	-	—
Triphenyl phosphate, dms.....lb.	.38	-	—
Tripoli, air-floated, bgs., c.l., works..ton.	26.00	-	—
double-grd., bgs., c.l., works. ton.	16.00	-	—
once-grd., bgs., c.l., works..ton.	14.50	-	—
Trisodium phosphate (see Soda phosphate, tribasic).			
Tungsten metal, powd., 99%, dms., wks..lb.	2.10	-	2.20
Oxide, CP, kgs.....lb.	2.40	-	2.60
Chem. grade, kgs.....lb.	1.75	-	1.85
Turmeric root, Alleppey, bgs...lb.	.06	-	.06½
Madras, bgs.....lb.	.06½	-	.07
Turpentine, spirits, gum, bbls., c.l., ex dock..gal.	.29¾	-	—
l.c.l., 10 ex dock.....gal.	.31¾	-	—
5, ex dock.....gal.	.33¾	-	—
wood dest., dist., dms., divd. E. cities, ports..gal.	.22	-	.24
tanks, divd. E. cities....gal.	.19	-	—
steam-dist., dms., c.l., divd..gal.	.25	-	—
l.c.l., divd.....gal.	.28	-	—
tanks, divd.....gal.	.20	-	—

U

Unicorn root, false (see Helonias root).			
True (see Aletris root).			
Uranium oxide, kgs.....lb.	1.75	-	—
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.	95.00	-	—
smaller lots, f.o.b. Belle, W. Va..ton.	95.00	-	—
f.o.b. N. Y.....ton.	101.00	-	—
import, 46% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.	95.00	-	—
smaller lots, f.o.b. N. Y. from whse..ton.	101.00	-	—
pure, cs. .....lb.	.14½	-	.15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH_3 unit.	No prices.		
Uva ursi leaves, bls.....lb.	.08	-	.09

V

Valerian root, bls.....lb.	.09½	-	.10
Valonia, beards, bgs., ship..ton.	46.00	-	—
Cups, bgs., shipt.....ton.	31.00	-	—
extract, powdered, 63%.....lb.	.06	-	—
Vanilla beans, Bourbon, tins..lb.	5.50	-	6.00
Mexican, tins .....lb.	5.50	-	6.00
cuts, tins .....lb.	5.25	-	5.50
South American, tins.....lb.	5.25		Nom.
Vanillin, ex eugenol, 25-lb. tins, lb.	2.20	-	—
5-lb. tins.....lb.	2.25	-	—
1-lb. tins.....lb.	2.35	-	—
ex guaiacol, 25-lb. tins.....lb.	2.10	-	—
5-lb. tins.....lb.	2.15	-	—
1-lb. tins.....lb.	2.25	-	—
ex lignin, 25-lb. tins.....lb.	2.10	-	—
5-lb. tins.....lb.	2.15	-	—
1-lb. tins.....lb.	2.25	-	—
Venice turpentine, true, cs....lb.	.42	-	.44
Verdigris, bbls., kgs.....lb.	.22	-	.23
Vinyl acetate, cns., works....lb.	.25	-	—
dms., c.l., 50,000 lbs., gross works..lb.	.14	-	—
l.c.l., works.....lb.	.15	-	—
5 gals., dms., works.....lb.	.25	-	—

Solvent—Xylol

Violet, methyl, toner (see M).

V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls.....lb.	.38	-	.39
tree .....lb.	.19	-	.22
Wattle bark, bgs., shipt.....ton.	34.75	-38.25	
Extract, solid, bags.....lb.	.04	-	—
Wax, bayberry, import, bgs....lb.	.22½	-	.23
Bees, white, bleach, slabs, cs., 500 lb. lots..lb.	.37	-	.39
yellow, crude, Africa, bgs., lots of 10.....lb.	.19½	-	.20
1 bg.....lb.	.20	-	.20½
Brazil, bgs., 5-10 ton lots. lb.	22½	-	.23
1 ton.....lb.	.23	-	.23½
500 lbs.....lb.	.23½	-	.24
100 lbs.....lb.	.24	-	.24½
refd., slabs, cs., lbs....lb.	.25¼	-	.26
Candelilla, bgs., 1 ton.....lb.	.15¼	-	.15¾
jobbing lots.....lb.	.15¾	-	.16¼
Carnauba, No. 3, chalky, bgs., 1 ton..lb.	.27½	-	.28
5 bgs. .....lb.	.28	-	.28½
1 bg.....lb.	.28½	-	.29
N. C. 2, bgs.....lb.	.34¾	-	.35
N. C. 3, bgs., 1 ton.....lb.	.28¾	-	.29½
5 bgs. .....lb.	.29¼	-	.30
1 bg. .....lb.	.29¾	-	.30½
refined, bgs. .....lb.	.33¼	-	.33½
yellow, No. 1, bgs., 1 ton..lb.	.36¾	-	.37½
5 bgs. .....lb.	.37¼	-	.38
1 bg.....lb.	.37¾	-	.38½
No. 2, bgs.....lb.	.35¾	-	.36½
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb.	.08¼	-	—
jobbing lots .....lb.	.09¼	-	—
150°-160° m.p., bgs., 1 ton.lb.	.09¼	-	—
jobbing lots .....lb.	.10¼	-	—
160° m.p., bgs., 1 ton....lb.	.10¼	-	—
jobbing lots .....lb.	.11¼	-	—
Japan, cs.....lb.	.10½	-	.10¾
Montan, bgs., c.l.....lb.	.11	-	—
5 tons .....lb.	.11¼	-	.11½
less than 1 ton.....lb.	.11½	-	.11¾
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb.	.62		Nom.
70°-72° C., bgs.....lb.	.35		Nom.
74°-76° C., bgs.....lb.	.38		Nom.
snow-white, pure 76°-78° C., bgs..lb.	.45	-	.46
yellow, natural, 76°-78° C., bgs..lb.	.35	-	.36
Paraffin (see P.).			
Spermaceti, blocks, cs.....lb.	.18	-	.21
cakes, cs.....lb.	.19	-	.22
White lead (see Lead, white).			
White pine bark, rossed, bls...lb.	.06	-	.06¼
White precipitate, powd., 5-lb. bots..lb.	1.89	-	—
dms., 50 lbs., or more...lb.	1.76	-	—
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works..ton.	12.00	-	—
l.c.l., works.....ton.	14.00	-	—
bbls., c.l., works.....ton.	15.00	-16.50	
l.c.l., works.....ton.	17.00	-	—
pap. bgs., c.l., works..ton.	11.20	-13.50	
l.c.l., works.....ton.	13.20	-14.50	
wet-grnd., blp., bgs., c.l., works..ton.	14.50	-15.00	
l.c.l., works.....ton.	15.00	-19.00	
bbls., c.l., works.....ton.	17.00	-18.00	
gilder's bolted, blp., bgs., c.l., works..ton.	15.00	-	—
l.c.l., works.....ton.	16.00	-	—
bbls., c.l., works.....ton.	18.00	-19.50	
l.c.l., works.....ton.	19.00	-20.00	
pap. bgs., c.l., works..ton.	14.60	-15.50	
l.c.l. works.....ton.	15.60	-16.50	
extra bolted, blp., bgs., c.l., works..ton.	15.00	-	—
l.c.l., works.....ton.	16.00	-	—
bbls., c.l., works.....ton.	18.00	-22.50	
l.c.l., works.....ton.	19.00	-22.00	
pap. bgs., c.l., works..ton.	14.60	-17.50	
l.c.l., works.....ton.	15.60	-18.50	
Paris white, blp., bgs., c.l., works..ton.	15.00	-	—
l.c.l., works .....ton.	16.00	-	—
bbls., c.l., works.....ton.	18.60	-24.00	
l.c.l., works.....ton.	19.00	-25.00	
pap. bgs., c.l., works..ton.	14.60	-20.00	
l.c.l., works.....ton.	15.00	-21.50	
English cliffstone (see Whiting, chalk, Paris white).			
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l..ton.	9.35	-	—
99.75% 200 mesh, paper bgs., c.l., same basis..ton.	8.60	-	—
90% 200 mesh, paper bgs., c.l., same basis.....ton.	6.25	-	—
gilders, bgs. (extra), c.l., works..ton.	11.50	-	—
l.c.l., 8-20 tons, works.ton.	12.50	-	—
4-8 tons, works.....ton.	13.50	-	—
2-4 tons, works.....ton.	14.50	-	—
extra bgs. (extra), c., works. ton.	12.50	-	—
l.c.l., 8-20 tons, works, ton.	13.50	-	—
4-8 tons, works....ton.	14.50	-	—
2-4 tons, works....ton.	15.50	-	—
putty grade, bgs. (extra), c.l., works..ton.	11.00	-	—
l.c.l., 8-20 tons, works.ton.	12.00	-	—
4-8 tons, works.....ton.	13.00	-	—
2-4 tons, works.....ton.	14.00	-	—
water-floated, bgs. (extra), c.l., works..ton.	11.50	-	—
l.c.l., 8-20 tons, works.ton.	12.50	-	—
4-8 tons, works.....ton.	13.50	-	—
2-4 tons, works.....ton.	14.50	-	—
Precipitated, bgs., c.l., works, ton.	15.00	-	—
l.c.l., 5 tons, works.....ton.	20.00	-	—
smaller lots, works....ton.	25.00	-	—
Wild cherry bark, thick, natural, bls..lb.	.04½	-	.05
rossed, bls.....lb.	.07½	-	.09
thin, natural, bls.....lb.	.06	-	.07
rossed, green, bls.....lb.	.09	-	.10
Wild Indigo root, bgs.....lb.	.09	-	.10
Witch-hazel extract, dist., NF bbls..gal.	.40	-	.45
Leaves, bls.....lb.	.07	-	.09
Witherite (see Barium carbonate, natural).			
Woodflour, dom., fine, bgs., extra, c.l., works..ton.	25.00	-	—
standard, bgs., c.l., works, ton.	20.00	-	—
import, 70 mesh, bgs., ex dock, ton.	22.00	-	—
80 mesh, bgs., ex dock....ton.	24.50	-	—
100 mesh, bgs., ex dock...ton.	27.50	-	—
120 mesh, bgs., ex dock...ton.	30.00	-	—
Wormseed, American, bgs.....lb.	.08	-	.10
Levant, bgs.....lb.	3.70	-	3.75
Wormwood, bls.....lb.	.09	-	.10

X

Xylol (xylene), indus., dms., works..gal.	.31	-	—
tanks, E. of Omaha, frt. alld., gal.	.26	-	—
W. Coast, f.o.b Minnequa, Colo..gal.	.26	-	—

Xylol—Zirconium

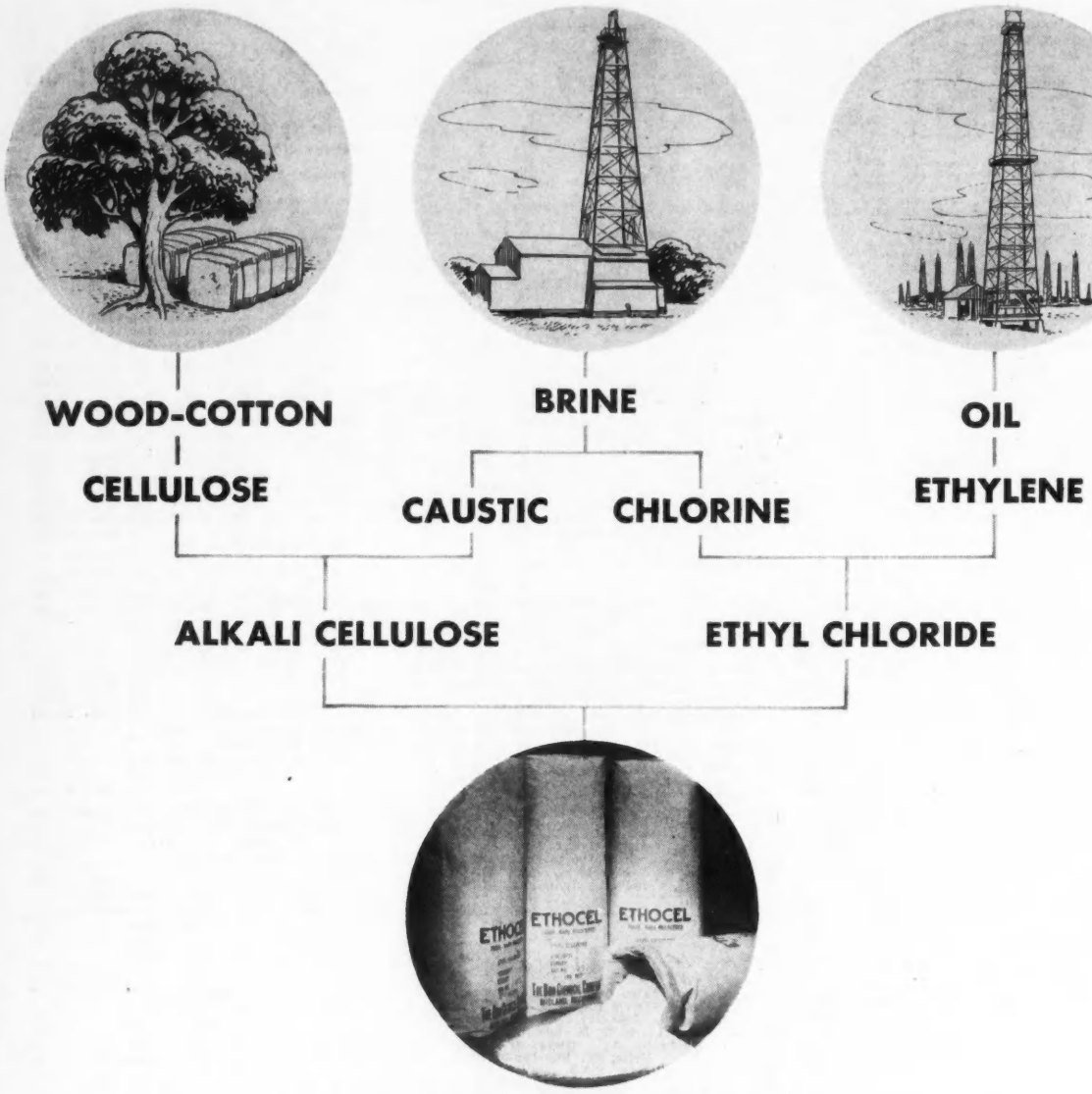
Xylol, nitration, dms., works..gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
5°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .32 - —
10°, dms., works.....gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.56
Yellow, cadmium, CP, import., bxs..lb. 1.35 - 1.70
lithopone, all shades, bbls. 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis, lb. .50 - —
kgs., ton lots, same basis, lb. .50 - —
smaller lots, same basis, lb. .55 - —
sulphide, orange, bbls., works, lb. .75 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....lb. .14½ -
open order .....lb. .15½ -
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¾c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.87 - -
primrose shade, bbls., same basis, chrome..lb. 1.75 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06½ —
B, bbls., works.....lb. .04½ —
C, bbls., works.....lb. .03½ —
yellow, A, bbls., works...lb. .02½ —
B, bbls., works.....lb. .02½ —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195 —
E, bbls., works.....lb. .01775 —
F, bbls., works.....lb. .01½ —
G, bbls., works.....lb. .01½ —
H, bbls., works.....lb. .01¾ —
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import..lb. .02475 —
New York (f.o.b.)..lb. .02½ —
ex dock Philadelphia, for import..lb. .02¾ —
Portland, Seattle ..lb. .03 - —
San Pedro, S. Francisco..lb. .0290 —
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575 —
New York .....lb. .02½ —
ex-dock Phila., for import..lb. .02¾ -
Yellow, ocher, French, all shades, cks, l.c.l. Portland, Seattle..lb. .03½ - —
San Pedro, S. Francisco..lb. .03 - -
ex whse., Balto., Boston, N. Orleans..lb. .02725 - —
Chicago, Ill. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03¾ - —
Minneapolis .....lb. .03½ - —
New York.....lb. .02¾ - —
Pittsburgh .....lb. .03¼ - —
Portland, Seattle.....lb. .03¾ - —
San Pedro, S. Francisco..lb. .03¼ - —
f.o.b. N. Y., from dock, lb. .02¾ - —
from whse. .....lb. .02¾ - —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y.lb. .04½ - —
l.c.l., same basis.....lb. .04¾ - —
synth., bbls., c.l., works..lb. .06½ - —
l.c.l., same basis.....lb. .04¾ - —
Persian orange (see O).
Zinc, bbls., same basis chrome CP. contracts..lb. .18 - —
open order .....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .10
Yellow root (xanthoriza) bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .07½ - .08
Yohimbine hydrochloride, vis..oz. 2.50 - 2.55

Z

Zinc acetate, tech., bbls., works, lb. .15 - .16
USP, bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Zinc, arsenite, bgs., c.l., dealers, E. of Rockies..lb. .12 - —
l.c.l., bags .....lb. .12½ - —
Zinc arsenite prices are on a frt. alld. basis to dest. in lots of 96 lbs. or over.
Carbonate, tech., bbls.....lb. .14 - .16
USP, precip., powd., bbls...lb. .31 - —
dms. .....lb. .36 - —
kgs. .....lb. .33 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works, 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
USP, 200-lb. dms.....lb. .25 - —
25-lb. jars.....lb. .31 - —
solut., dms., wks.....lb. .04½ - —
tanks .....lb. .0226 - —
Cyanide, kgs., works.....lb. .33 - —
Dust, bbls., c.l., dlvd.....lb. .06½ - —
l.c.l., bbls., dlvd.....lb. .07 - —
Fluoride, bbls.....lb. .20 - .26
Iodide, N.F., bots.....lb. 4.35 - —
jars .....lb. 4.20 - —
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd..lb. .06¼ - .07⅛
l.c.l., dlvd., except Pac. cst..lb. .06½ - .07⅝
ex whse., Pac. cst., lb. .06¼ - .07⅛
bbls., c.l., dlvd....lb. .06½ - .07⅝
l.c.l., dlvd., except Pac. cst..lb. .06¾ - .08
ex whse., Pac. cst..lb. .06¾ - .08
leaded, 5%, bgs., c.l., dlvd..lb. .06½ —
l.c.l., dlvd., except Pac. cst..lb. .06¾ - —
ex whse.,Pac. cst.lb. .06¾ - —
bbls., c.l., dlvd....lb. .06¾ - —
l.c.l., dlvd., except Pac. cst..lb. .06¾ - —
ex whse.,Pac. cst.lb. .06¾ - —
35%, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼ - —
ex whse., Pac. cst. lb. .06¼ - —
bbls., c.l., dlvd.....lb. .06¼ - —
l.c.l., dlvd., except Pac. cst..lb. .06½ - —
ex whse., Pac. cst. lb. .06½ - —
50%, bgs., c.l., dlvd., except Pac. cst..lb. .0606 - —
Pac. cst.....lb. .0612 - —
l.c.l., dlvd., except Pac. cst..lb. .0631 - —
ex whse., Pac. est. lb. .0631 - —
bbls., c.l., dlvd....lb. .0631 - —
l.c.l., dlvd., except Pac. cst..lb. .0656 - —
ex whse., Pac. cst.lb. .0656 - —
French process, com'l, lead-free, bgs., c.l., dlvd.lb. .06¼ - .07⅛
l.c.l., dlvd., except Pac. cst..lb. .06½ - .07⅝
ex whse., Pac. cst..lb. .06½ - .07⅝
bbls., c.l., dlvd.....lb. .06½ - .07⅝
l.c.l., dlvd., except Pac. cst..lb. .06¾ - .08
ex whse., Pac. cst.lb. .06¾ - .08
green seal, bgs., c.l., dlvd..lb. .08 - —
l.c.l., dlvd., except Pac. cst..lb. .08¼ - —
ex whse., Pac. cst..lb. .08¼ - —
bbls., c.l., dlvd.....lb. .08¼ - —
l.c.l., dlvd., except Pac. cst..lb. .08½ - —
ex whse., Pac. cst.lb. .08½ - —
red seal, bgs., c.l., dlvd..lb. .07½ - —
l.c.l., dlvd., except Pac. cst..lb. .07¾ - —
ex whse., Pac. cst..lb. .07¾ - —
bbls., c.l., dlvd....lb. .07¾ - —
l.c.l., dlvd., except Pac. cst..lb. .08 - —
ex whse., Pac. cst..lb. .08 - —
white seal, bgs., c.l., dlvd. lb. .08½ - —
l.c.l., dlvd., except Pac. cst..lb. .08¾ - —
ex whse., Pac. cst..lb. .08¾ - —
bbls., c.l.....lb. .08¾ - —
l.c.l., dlvd., except Pac. cst..lb. .09 - —
ex whse., Pac. cst..lb. .09 - —
Oxide, import, gold seal, cks., ex whse..lb. .13 - .14
green seal, bbls., ex whse.lb. .10 - —
white seal, cks., ex whse.. lb. .11 - .12⅛
USP, bbls., c.l.....lb. .09½ - —
Palmitate, bbls.....lb. .23 - .25
Resinate, fused, pale, bbls...lb. .10 - —
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .20 - —
l.c.l., 1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
less than 1,000 lbs...lb. .23 - —
U.S.P., bbls.....lb. .21 - .23
Sulphate, cryst., bgs., c.l.100 lbs. 2.75 - —
l.c.l. .....100 lbs. 3.50 - —
bbls., c.l.....100 lbs. 2.90 - —
l.c.l. .....100 lbs. 3.65 - —
/ake, bgs., c.l.....100 lbs. 3.10 - —
l.c.l. .....100 lbs. 3.85 - —
bbls., c.l.....100 lbs. 3.25 - —
l.c.l. .....100 lbs. 4.00 - —
powd., bgs., c.l.....100 lbs. 4.35 - —
l.c.l. .....100 lbs. 5.10 - —
bbls., c.l.....100 lbs. 4.50 - —
l.c.l. .....100 lbs. 5.25 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .07⅞ - —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .08⅛ - —
bbls., c.l. (20 tons), dlvd..lb. .08⅛ - —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .08⅜ - —
Sulphocarbolate, NF, bbls....lb. .24 - .26
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd., except Pac. cst..lb. .06½ - —
ex whse., Pac. cst..lb. .05½ - —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.75.00 -100.00
white, 98%, rgd., kgs., works, lb. 1.80 - 2.00



ETHOCEL

(DOW ETHYL CELLULOSE)

It is no accident that Dow is the largest producer of ethyl cellulose in the world.

Ethocel* (Dow Ethyl Cellulose) is linked to brine—the common raw material from which more than 300 Dow chemicals are produced.

In addition, Dow has had long experience in making petroleum derivatives. It was the first company to manufacture ethyl chloride commercially in this country.

This background of products and processes led logically to Ethocel—chemistry's most versatile cellulose derivative.

DOW TECHNICAL SERVICE

Skilled technical and chemical advisory service on the characteristics, properties and potentialities of Ethocel as a superior varnish and lacquer base is available to formulators interested in this product.

THE DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN

Branch Sales Offices: 30 Rockefeller Plaza, New York City; Second and Madison Streets, St. Louis; Field Building, Chicago; 9 Main Street, San Francisco; 4151 Bandini Blvd., Los Angeles

*Trade Mark Reg. U. S. Pat. Off.

DOW

CHEMICALS INDISPENSABLE TO INDUSTRY

Synthetic Resins and other Branded Paint Materials (Manufacturers' List Prices)

A

Abalyn dms., lots of 10, works. lb. .10 - —
single dms., works.....lb. .12 - —
5 gal. cans, works.....lb. .17 - —

Aroclors, distilled, dms., c.l., works..lb. .23 - —
ton lots, works.....lb. .25 - —
single dms., works.....lb. .27 - —
undistilled, dms., c.l., works, lb. .18 - —
ton lots, works.....lb. .20 - —
single dms., works.....lb. .22 - —

B

Bakelite, dispersion resins, BK, 3062, XE 6791, dms., 30,000 lbs., works..lb. .22½- —
15,000 lbs., works.....lb. .23 - —
5,000 lbs., works.....lb. .23½- —
lacquer, XR 2342, dms., 30,000 lbs, works..lb. .38 - —
15,000 lbs., works.....lb. .38½- —
5,000 lbs., works.....lb. .39 - —
3180, dms., 30,000 lbs., works..lb. .45 - —
15,000 lbs., works.....lb. .46 - —
5,000 lbs., works.....lb. .47 - —
4357, dms., 30,000 lbs., works..lb. .45 - —
15,000 lbs., works.....lb. .46 - —
5,000 lbs., works.....lb. .47 - —
phenolic, 100%, BR, 254, bbls., 30,000 lbs., works..lb. .45 - —
15,000 lbs., works...lb. .46 - —
5,000 lbs., works...lb. .47 - —
1329, bbls., 30,000 lbs., works..lb. .28 - —
15,000 lbs., works...lb. .29 - —
5,000 lbs., works...lb. .30 - —
2987, bbls., 30,000 lbs., works..lb. .32 - —
15,000 lbs., works...lb. .33 - —
5,000 lbs., works....lb. .34 - —
3260, bbls., 30,000 lbs., works..lb. .38 - —
15,000 lbs., works...lb. .39 - —
5,000 lbs., works....lb. .40 - —
4086, bbls., 30,000 lbs., works..lb. .40 - —
15,000 lbs., works..lb. .41 - —
5,000 lbs., works....lb. .42 - —
6382, bbls., 30,000 lbs., works..lb. .42½- —
15,000 lbs., works..lb. .43½- —
5,000 lbs., works....lb. .44½- —
8900, bbls., 30,000 lbs., works..lb. .48 - —
15,000 lbs., works..lb. .49 - —
5,000 lbs., works....lb. .50 - —
9476, bbls., 30,000 lbs., works..lb. .24 - —
15,000 lbs., works...lb. .24½- —
5,000 lbs., works....lb. .25 - —
XR, 9517, dms., 30,000 lbs., works..lb. .32 - —
15,000 lbs., works..lb. .33 - —
5,000 lbs., works..lb. .34 - —
drums, works....lb. .35 - —
10282, dms., 30,000 lbs., works..lb. .35 - —
15,000 lbs., works..lb. .36 - —
5,000 lbs., works..lb. .37 - —
drums, works.....lb. .38 - —
modified, BR, 302, dms., 30,000 lbs., works..lb. .26 - —
15,000 lbs., works...lb. .26½- —
5,000 lbs., works...lb. .27 - —
2072, bbls., 30,000 lbs., works..lb. .23 - —
15,000 lbs., works...lb. .23½- —
5,000 lbs., works...lb. .24 - —
3175, cns., 30,000 lbs., works..lb. .23 - —
15,000 lbs., works...lb. .23½- —
5,000 lbs., works...lb. .24 - —
2963, bbls., 30,000 lbs., works..lb. .24 - —
15,000 lbs., works...lb. .24½- —
5,000 lbs., works...lb. .25 - —
solutions, XJ, 180, dms., 30,000 lbs., works..lb. .179 - —
15,000 lbs., works.....lb. .184 - —
5,000 lbs., works.....lb. .189 - —
2661, dms., 30,000 lbs., works..lb. .22 - —
15,000 lbs., works.....lb. .22½- —
5,000 lbs., works.....lb. .23 - —
Beckacite, modified phenolic, 1100, dms., 1-9, frt. pd..lb. 14½- —
1101, dms., 1-9, frt. pd.....lb. .13 - —
1102, dms., 1-9, frt. pd.....lb. .12½- —
1106, dms., 1-9, frt. pd.....lb. .14 - —
1107, dms., 1-9, frt. pd.....lb. .13 - —
1108, dms., 1-9, frt. pd.....lb. .10 - —
1112, dms., 1-9, frt. pd.....lb. .14½- —
1113, dms., 1-9, frt. pd.....lb. .12 - —
1116, dms., 1-9, frt. pd.....lb. .14½- —
P-146, dms., 1-9, frt. pd....lb. .11 - —
P-147, dms., 1-9, frt. pd....lb. .12 - —
nonphenolic, 1110, dms., 1-9, frt. pd..lb. .12¾- —
1111, dms., 1-9, frt. pd.....lb. .13 - —
1114, dms., 1-9, frt. pd.....lb. .12½- —
1120, dms., 1-9, frt. pd.....lb. .13 - —

Beckacite prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c. per lb. less. These prices apply in N. E. and Mid-Atl. States, Ill., Ind., Ky., Mich., Minn., N. C., Ohio, Va., W. Va., Wis., and St. Louis, Mo.; add ¾c. per lb. on less than carloads and ½c. per lb. on carloads to Ark., Iowa, Kan., Mo. (except St. Louis), Neb., N. D., Okla., S. D., all South. States, and Dallas and Houston, Tex.; for Calif. add ¾c. per lb. on less than carloads and ½c. per lb. on carloads of regular items covered by contract, on items not shown in this list and items not covered by contract which must be shipped direct from Detroit, Mich., or Elizabeth, N. J., add 2c. per lb. on less than carloads and 1c. per lb. on carloads, carload prices listed above apply on shipments by water from Elizabeth, N. J., ex dock at Los Angeles, San Francisco, or Seattle; add 2c. per lb. on less than carloads and 1c. per lb. on carloads to Tex. (except Dallas and Houston) and all other points in the U. S. not mentioned in the foregoing.

Beckamine, 3440, ex. lt., dms., 1-9, frt. pd..lb. .22½- —
P-2, dms., 1-9, frt. pd.....lb. .14 - —
P-138, dms., 1-9, frt. pd.....lb. .20½- —

Beckamine prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c. per lb. less; subject to same geographical differentials as Beckacite.

Beckolin, dark, dms., 1-9, frt. pd..lb. .14½- —
light, dms., 1-9, frt. pd.....lb. .17½- —

Beckolin prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c. per lb. less; subject to same geographical differentials as Beckacite.

Beckopol, 1400, dms., 1-9, frt. pd..lb. .17½- —

Beckopol prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c. per lb. less; subject to same geographical differentials as Beckacite.

Beckosol, emulsion, 1500, dms., 1-9, frt. pd..lb. .10½- —
1501, dms., 1-9, frt. pd.....lb. .11½- —
Solid, 1, dms., 1-9, frt. pd....lb. .21 - —
3, dms., 1-9, frt. pd.....lb. .22 - —
7, dms., 1-9, frt. pd.....lb. .23 - —
13, dms., 1-9, frt. pd.....lb. .23 - —
18, dms., 1-9, frt. pd.....lb. .21 - —
19, dms., 1-9, frt. pd.....lb. .24 - —
Beckosol, solid, 24, dms., 1-9, frt. pd..lb. .30 - —
31, dms., 1-9, frt. pd.....lb. .23 - —
32, dms., 1-9, frt. pd.....lb. .21 - —
Solution, nonphenolic, 1309, dms., 1-9, frt. pd..lb. .17½- —
1319, dms., 1-9, frt. pd..lb. .17½- —
1321, dms., 1-9, frt. pd..lb. .16½- —
phenol modified, 1303, dms., 1-9, frt. pd..lb. .12½- —
1304, dms., 1-9, frt. pd..lb. .12½- —
1320, dms., 1-9, frt. pd..lb. .13 - —
1325, dms., 1-9, frt. pd..lb. .12 - —
1328, dms., 1-9, frt. pd..lb. .11 - —
1329, dms., 1-9, frt. pd..lb. .10 - —
Beckosol, phenol modified and oil extended, 1, dms., 1-9, frt. pd..lb. .11½- —
2, dms., 1-9, frt. pd.....lb. .11 - —
1316, dms., 1-9, frt. pd...lb. .12½- —
1326, dms., 1-9, frt. pd...lb. .12 - —
pure alkyd, 1300, dms., 1-9, frt. pd..lb. .11½- —
1307, ex. lt., dms., 1-9, frt. pd..lb. .14½- —
light, dms., 1-9, frt. pd.lb. .13½- —
1308, dms., 1-9, frt. pd..lb. .13½- —
1313, ex. lt., dms., 1-9, frt. pd..lb. .12½- —
light, dms., 1-9, frt. pd.lb. .11½- —
1318, dms., 1-9, frt. pd..lb. .15½- —
1323, ex. lt., dms., 1-9, frt. pd..lb. .14½- —
light, dms., 1-9, frt. pd.lb. .13½- —
1324, dms., 1-9, frt. pd....lb. .24½- —
1331, dms., 1-9, frt. pd....lb. .12½- —
1332, dms., 1-9, frt. pd....lb. .11½- —
1333, dms., 1-9, frt. pd....lb. .13½- —
1334, dms., 1-9, frt. pd....lb. .13½- —
P-7, dms., 1-9, frt. pd....lb. .14½- —
P-48, dms., 1-9, frt. pd...lb. .13½- —
P-94, dms., 1-9, frt. pd...lb. .15½- —

Beckosol, solid, prices in lots of 10 dms. or more are ¾c. per lb. less than above; in carloads, 1½c. per lb. less; prices of other Beckosols are ½c. per lb. less in lots of 10 dms. or more, 1c. per lb. less in carloads; all are subject to the same geographical differentials as Beckacite.

C

Cumar, AX, dms., works.....lb. .06 - —
BX, dms., works.....lb. .06 - —
CX, dms., gross weight, works, lb. .05 - —
Cumar, DX, dms., gross weight, works..lb. .04 - —
EX, dms., gross weight, works, lb. .04 - —
FX, dms., gross weight, works, lb. .05 - —
MH, col. ½, dms., works....lb. .12 - —
1, dms., works.....lb. .11 - —
1½-2, dms., works.....lb. .10 - —
2½ and darker, dms., works, lb. .09 - —
Cumar, MS, dms., works.....lb. .10 - —
P, 10°-90° C., col. 3 and darker, dms., works..lb. .10½- —
RH, dms., works.....lb. .10 - —
RS, dms., works.....lb. .10 - —
special soft, dms., works...lb. .10 - —
V, col. ½, dms., works....lb. .12 - —
1, dms., works.....lb. .11 - —
1½-2, dms., works.....lb. .10 - —
2½ and darker, dms., works, lb. .09 - —
W, col. ½, dms., works.....lb. .13 - —
1, dms., works.....lb. .12 - —
1½-2, dms., works.....lb. .11 - —
2½ and darker, dms., works, lb. .10 - —

Cumar prices include frt. equald, with Pittsburgh; prices on contracts terminating June, 1939, are ¼c. per pound lower.

D

Durez, 202, dms., 30,000 lbs., works..lb. .40 - —
l.c.l., works .....lb. .41 - —
210, dms., 30,000 lbs., works..lb. .14½- —
l.c.l., works.....lb. .15 - —
220, dms., 30,000 lbs., works..lb. .15 - —
l.c.l., works.....lb. .15½- —
500, dms., 30,000 lbs., works, lb. .32 - —
l.c.l., works .....lb. .33 - —
525, dms., 30,000 lbs., works, lb. .24 - —
l.c.l., works .....lb. .26 - —
550, dms., 30,000 lbs., works, lb. .29 - —
l.c.l., works .....lb. .30 - —
570, dms., 30,000 lbs., works, lb. .44 - —
l.c.l., works.....lb. .45 - —

Durez c.l. prices also apply on mixed cars; three-month contracts are for price protection only; for Pacific Coast and Gulf points, ex warehouse, add 3c. per lb.

Durite, 1,301 pale, c.l.....lb. .25 - —
smaller lots.....lb. .26 - —
1,321, c.l.....lb. .40 - —
2,000 lbs. to c.l.....lb. .41 - —
smaller lots.....lb. .42 - —

All Durite prices are f.o.b. Phila., Pa., with freight allowed east of Rocky Mts.

G

G, resin, dms., gross weight, works..lb. .07 - —

G resin prices on contracts terminating June, 1939, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Gual-a-phene, 10-gal. cns., works, gal. 2.57 - —
5-gal. cns., works.....gal. 2.62 - —
1-gal. cns., works.....gal. 2.82 - —
dms., works.....gal. 2.50 - —

H

Hercolyn, dms., lots of 10, works, lb. .15 - —
single dms., works.....lb. .17 - —
cans, works.....lb. .23 - —

K

Kadox (zinc oxide), black or red label, bgs., c.l., divd..lb. .06½- —
l.c.l., divd. E. of Rockies.lb. .06¾- —
Pac. cst., ex whse.....lb. .06¾- —
bbls., c.l., divd.....lb. .06¾- —
l.c.l., divd. E. of Rockies.lb. .07 - —
Pac. cst., ex whse.....lb. .07 - —
Katalised oil, 666, dms., c.l., frt. pd..lb. .14 - —
l.c.l., frt. pd.....lb. .14½- —
667, dms., c.l., frt. pd.....lb. .11 - —
l.c.l., frt. pd.....lb. .11½- —

Katalised oil prices are subject to the same geographical differentials as Beckacite.

Kopol, 500, dms., 1-9, frt. pd..lb. .13½- —
501, dms., 1-9, frt. pd.....lb. .11½- —
502, dms., 1-9, frt. pd.....lb. .11 - —

Kopol prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c. per lb. less; subject to same geographical differentials as Beckacite.

R-C copal, cracked nut, dms., c.l., frt. pd..lb. .07 - —
l.c.l., frt. pd.....lb. .07½- —

R-C copal prices are subject to the same geographical differentials as Beckacite.

N

Nevillac, dms., works.....lb. .17 - —

Nevillac prices on contracts terminating June, 1939, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Neville resin, R-1 nevindene, col. ½, dms., works..lb. .13 - —
R-3, nevindene, col. 1, dms., works..lb. .12 - —
R-5, nevindene, col., 1½-2, dms., works..lb. .11 - —
R-6, nevindene, col., 2½-3½, dms., works..lb. .10 - —
R-7, N.P.S., col. below 3, dms., works..lb. .12 - —
R-8, N.P.S., col. below 3, dms., works..lb. .12½- —
R-9, hard, col. ½, dms., works, lb. .12 - —
R-10, hard, col., 1, dms., works..lb. .11 - —
R-11, hard, col. 1½-2, dms., works..lb. .10 - —
R-12, hard, col., 2½-3½ dms., works..lb. .09 - —
R-13, medium, col. ½, dms., works..lb. .12 - —
R-14, medium, col. 1, dms., works..lb. .11 - —
R-15, medium, col. 1½-2,dms., works..lb. .10 - —
R-16, medium, col. 2½-4 dms., works..lb. .09 - —
R-17, medium soft, col. 3½-8, dms., works..lb. .10 - —
R-19, medium soft, col. 3½-8, dms., works..lb. .10 - —
R-21, soft, col. 3½-8, dms., works..lb. .10 - —
R-22, special, soft, col. 3½-8, dms., works..lb. .10 - —
R-27, medium soft, col. 1, dms., works..lb. .12½- —
Neville resin, R-28, medium soft, col. 1½-2, dms., works, lb. .11½- —
R-29, medium soft, col. 2½-8, dms., works..lb. .10½- —

Neville resin prices are freight equalized with Phila.; prices on contracts terminating June, 1939, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Nevillite, "V", water-white, 100 lbs., dms., works..lb. 1.25 - —
No. 1, water-white, 100 lbs., dms., works..lb. .65 - —
No. 2, prime-white, 100 lbs., dms., works..lb. .55 - —
No. 3, very light straw, 100 lbs., dms., works..lb. .50 - —
oil, dms., works.....lb. 1.40 - —
No. 2, heavy, refd., dms., works..lb. .10 - —
465, 110-125°C, dms., gross weight, works..lb. .03 - —
Nevinol, dms., works.....lb. .13 - —
Nuba, 1, 80°-95° C., dms., gross weight, works..lb. .0265- —
2, 100°-125° C., dms., gross weight, works.....lb. .0265- —

Nuba resin prices on contracts terminating June, 1939, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per pound extra.

Nuodex drier, cobalt, 4%, dms., divd. E. of Kas. City.....lb. .19½- .21¼
6%, dms., same basis.....lb. .22½- .24½
8%, dms., same basis.....lb. .32¾- .34
10%, dms., same basis.....lb. .38½- .39½
cobalt 3%-lead 30%, dms., same basis..lb. .20 - —

Aroclors—Vinylite

Nuodex cobalt, 1%, zinc 10%, dms., same basis..lb. .22½- —
Nuodex, copper, 4%, dms., same basis..lb. .12 - —
6%, dms., same basis.....lb. .13 - .14
11%, dms., same basis.....lb. .17 - .18
iron, 4%, dms., same basis...lb. .11 - —
6%, dms., same basis.....lb. .12 - .13
10%, dms., same basis.....lb. .17 - .18
lead, 16%, dms., same basis..lb. .09½- .11½
24%, dms., same basis.....lb. .12 - .14
32%, dms., same basis.....lb. .15 - .16
34%, dms., same basis.....lb. .17 - .18
lead 30%—cobalt 8% (see Cobalt).
lead 30%—manganese 3% (see Manganese).
Nuodex manganese, 4%, dms., same basis..lb. .12½- —
6%, dms., same basis.....lb. .13 - .14
8%, dms., same basis.....lb. .18 - —
10%, dms., same basis.....lb. .20 - .21
manganese 3%—lead 30%, dms., same basis..lb. .17 - —
mercury, 25%, dms., same basis..lb. .55 - —
zinc, 5%, dms., same basis..lb. .13 - .14
8%, dms., same basis.....lb. .13 - .15
12%, dms., same basis.....lb. .18 - .19
zinc 10%—cobalt 1% see (Cobalt).

P

Paradene, No. 1, 75-99°C, dms., gross wt., works..lb. .04 - —
2, 100-124°C, dms., gross wt., works..lb. .04 - —

Paradene prices on contract, terminating June, 1939, are ½c. lower; prices are freight equalized with Philadelphia, Pa.

Phenester, color 3½-5, dms., works..lb. .17 - —
P.H.O., dms., works.....lb. .19 - —
Pliolite, milled, dms., 1 ton, works..lb. .75 - —
smaller lots, works.....lb. .79 - —
unmilled, dms., 1 ton, works.lb. .66 - —
smaller lots, works.....lb. .69 - —

R

Resinous oil, No. XI, dms., works..lb. .019 - —

S

Super-beckacite, pure phenolic, 1001, dms., 1-9, frt. pd..lb. .31 - —
1003, dms., 1-9, frt. pd....lb. .30 - —
2000, dms., 1-9, frt. pd....lb. .26 - —
2050, dms., 1-9, frt. pd....lb. .23 - —
2667, dms., 1-9, frt. pd....lb. .21 - —

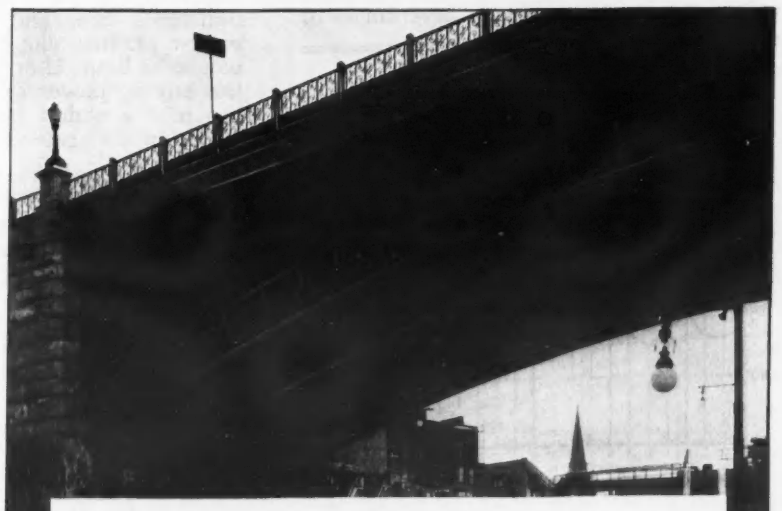
Super-beckacite prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c. per lb. less; subject to same geographical differentials as Beckacite.

Surfex, bgs., c.l., frt. alld. up to 25c. per 100 lbs..ton.35.00 - —
BB, bgs., c.l., frt. alld. up to 25c. per 100 lbs..ton.40.00 - —

V

Vinylite, AYAA, AYAF, AYAT, dms. 200 lbs., f.o.b. cars, works, frt. paid by seller to destination, E. of Mississippi river..lb. .45 - —
smaller lots, works.....lb. .60 - —
VYHF, dms., 200 lbs., works, lb. .55 - —
smaller lots, works.....lb. .65 - —
VYHH, dms., 200 lbs., works.lb. .57 - —
smaller lots, works.....lb. .67 - —
VYLF, dms., 200 lbs., works.lb. .55 - —
smaller lots, works.....lb. .65 - —
VYRR, dms., 200 lbs., works.lb. .55 - —
smaller lots, works.....lb. .65 - —

3 NUMBERS TO REMEMBER
for Metal Coatings!



When it comes to developing protective coatings for metal surfaces exposed to water, acid and alkali, remember these three resins—Durez 500, 525 and 570!

Mixed with red lead or zinc chromate-iron oxide, these phenolic resins produce both primers and finishing coats that show outstanding resistance to corrosion. For toughness coupled with drying speed and covering power they are hard to equal. And repeated tests show that they are more than a match for the gruelling accelerated salt spray test!

For metal coatings where low cost is of greater importance than color retention, choose Durez 525. You'll find that this pure phenol-formaldehyde resin meets your most exacting requirements of moisture-resistance and durability. For detailed information write General Plastics, Inc., 135 Walck Road, North Tonawanda, N. Y.

DUREZ

PHENOLIC RESINS

Oil, Paint and Drug Reporter

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Chemical Business Better This Year

—*Continued from page 3*

wider range—from a drop of 1.8 percent in the botanical division to a gain of 29.5 percent in drugs and fine chemicals.

Although inventories in the majority of the divisions were larger than in 1938 at the end of the quarter, the aggregate was 0.7 percent smaller. Increases ranged from 3.1 percent in coaltar chemicals to 7.1 percent in fertilizer materials. The range of decreases in inventories was from 2 percent in the petroleum division to 24.6 percent in chemicals and related materials for the textile and leather industries. In this latter division and in several others, smaller inventories were in part the result of inability to maintain an adequate influx of imported articles. Inventories of wholesale distributors were below 1938 levels in all lines. Consumers' stocks also were smaller, but the general uncertainty did not induce anticipatory or speculative buying even where increasing stringency of supplies was quite evident. Foreign trade in both directions was smaller than in the 1938 quarter.

Total values of sales in the first quarter reflected the lower average price and also the growing tendency of consumers to look for less costly materials. They averaged 9.1 percent greater than the values for the first quarter of 1938. Only one division reported a smaller revenue from sales—the botanical group, with a decrease of 9.3 percent (prices in that division were 10.2 percent below the 1938 level at the end of the quarter). Increases in total sales values, in comparison with the 1938 quarter, ranged from 0.4 percent in essential oils and aromatic chemicals, prices of which were off 8.5 percent, to 19.5 percent in fertilizer materials, which averaged 1 percent cheaper.

Prices in all ten divisions averaged 4.7 percent below the 1938 level at the end of the quarter. Prices of paint, varnish, and lacquer materials and of drugs and fine chemicals were a little higher than they had been a year earlier. All others were lower, the differences ranging from 1 percent on fertilizer materials to 15.1 percent on fats, oils, and waxes. But, business being bigger, reported incomes of corporations in the chemical, oil, and drug industries were 20.5 percent larger than they had been in the first quarter of 1938.

Employment in these industries remained below corresponding 1938 levels during the quarter. Although the situation in consumer goods industries as a whole was on the brighter side, in comparison with a year earlier, the chemical, oil, and drug industries had a much larger actual volume of employment. They were, as has also long been the case, paying noticeably better-than-average wages and had increased these more, and their total payrolls, although not increasing as much as those for manufacturing industry as a whole, were larger than in 1938 and also were much larger than the general average in comparison with the basis of the middle 20's. If all industries were employing as many more persons, in relation to that basis, as the chemical, oil, and drug industries are, and were paying them wages of the same relative size, there would be little, if any, unemployment and the buying power of the wage-earners of the nation would be at least 50 percent larger in dollars and cents.

The Outlook

Only two of the ten industrial groups covered by the REPORTER's survey for the first quarter said that the business outlook was not better than it had been a year earlier. One exception — the fertilizer materials group—offered the opinion that conditions in that respect were unchanged —which might, in view of smaller farm incomes and increasing crop control and diminished prices for farm products, be termed an optimistic view. The aromatics division viewed the outlook as "slightly worse." The degree of betterness seen by the other groups varied, but none of them had lost the hope, or faith, which tangible improvement had aroused late in 1938.

There is a lot of uncertainty afloat in the world, what with high-power propagandists and property-grabbers getting away with actual murder and all the other major felonies. There is a lot of talk about economy in government, and a bigger lot of finding of new outlets for governmental funds. The voice of the money-changer is again extolling the benefits of lending gold to other nations in order that they may buy more goods from the United States—and never repay the loans—to bring about the same gold-brick export trade that was enjoyed (for excitement but not for profit) in the early 20's.

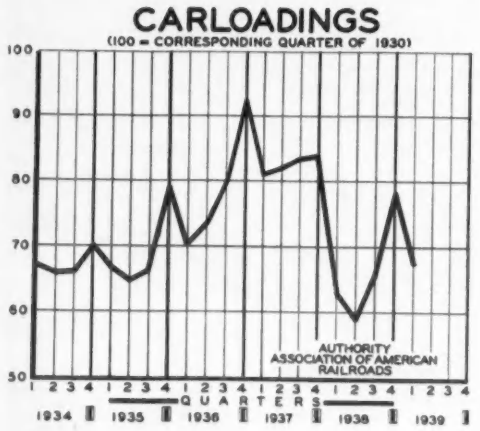
There is a lot of talk about more credit for business, with business loans 11.3 percent smaller than they were a year ago—and brokers' loans 12.3 percent larger! There is a lot of wailing about the need for bigger—nobody says "better"—investments in private enterprise, and a total of $191,632,000 in corporate securities was registered during the first quarter of the year.

There is a lot of talk about not taxing this, and that, and something—almost everything—else that now is taxed, and mighty little talk about where the taxes should be laid—all the talk would merely shift the burden from indirect to direct bearing upon the ultimate consumer and, if carried out, leave him less able than he is to finance his important function of buying.

Jobs are the only need—jobs that will provide money for the buying of the goods that jobs produce, and thus produce more jobs. This has been the only barrier to the restoration of business prosperity, and it is still the only barrier. It will remain a barrier, and a big one, as long as all attention is centered on discussions of the effect of this and that on business and no consideration constructively given to the actual and potential influence of business on everything else. Business conditions are the cause of all other conditions, not their effect.

Business is the mainspring of the whole economic works. If it is not wound up, nothing will go. If it is constricted and clamped so that it cannot uncoil, what good can it do? It is not taxes that clamp the national mainspring, although fear of having to pay more taxes is a strong constrictor. Taxes exist for but one reason—to pay the way of government. As long as government is allowed to have seven-eighths of the highway, its way will be a costly one. Government cannot crowd business into the ditch if business does a proper job of driving. The reason why business has been running on the shoulder of the road lies largely with itself—it spent so much of its attention on speed a few years ago that it did not see where it was going. It got off the pavement itself. It has been kept off because government seized a wide-open opportunity.

Troubles of many kinds lurk along the path of business. The very roadway may be blown up in some desperate dastardliness. But, the road is still there, and it is a good road. Some new traffic signs have been put up along it, and the main

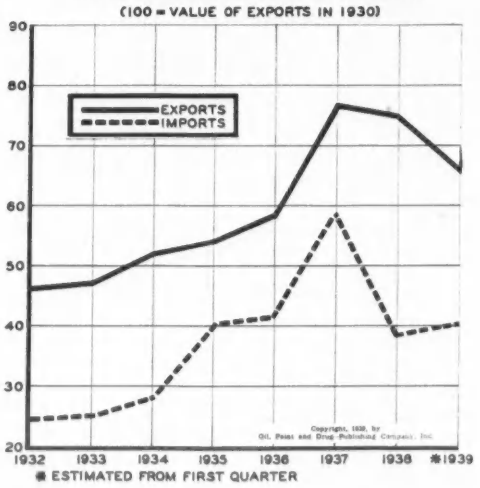

CARLOADINGS
(100 = CORRESPONDING QUARTER OF 1930)
100
90
80
70
60
50
AUTHORITY ASSOCIATION OF AMERICAN RAILROADS
1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4
QUARTERS
1934 1935 1936 1937 1938 1939

Car Loadings

	Number of cars— First quarter.	Second quarter.	Third quarter.	Fourth quarter
1930....	11,269,184	11,931,392	11,953,125	10,561,378
1932....	7,335,790	6,592,030	6,864,872	7,367,260
1937....	7,098,639	9,829,467	10,110,739	8,954,083
1938....	7,158,227	7,038,776	7,948,796	8,322,745
1939....	7,594,505	.....	.....	.....

Yearly (52 weeks) totals:—

1930	45,717,079
1931	37,151,249
1932	28,179,952
1933	29,220,052
1934	30,845,960
1935	31,504,134
1936	36,063,307
1937	37,992,928
1938	30,468,544



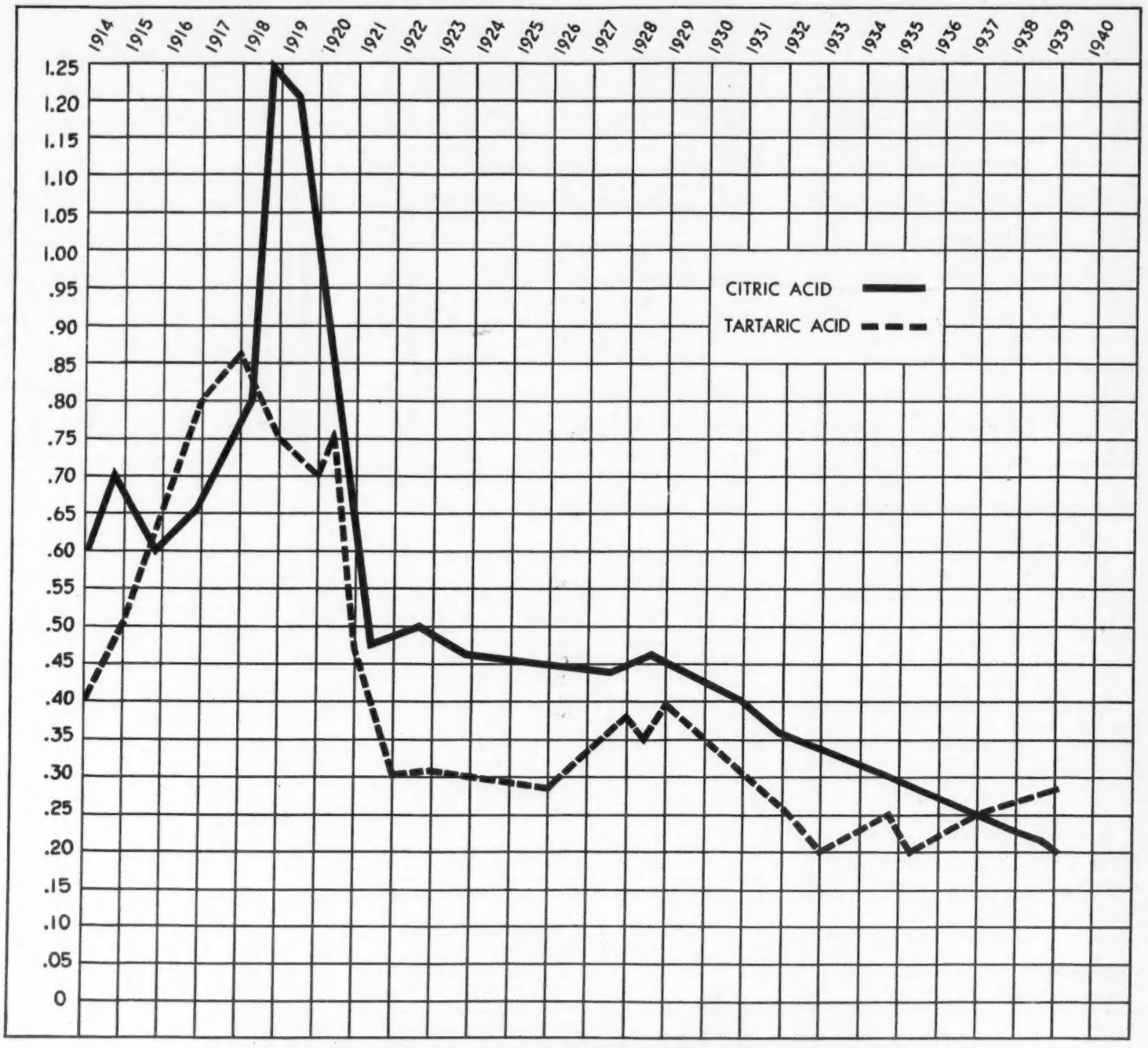
Foreign Trade in Chemicals, Drugs, Oils

	Exports.	Imports.
1930	$800,631,700	$479,635,000
1931	498,287,300	322,836,100
1932	368,655,200	199,138,300
1933	375,922,500	200,430,200
1934	413,472,400	227,433,600
1935	430,915,400	311,968,300
1936	463,234,000	333,519,400
1937	613,835,600	464,451,500
1938	602,391,600	308,521,200
1939 (Jan.-Mar.)	132,655,500	81,648,900

PFIZER QUALITY

CITRIC ACID
TARTARIC ACID

PRICE RANGE DURING LAST 25 YEARS



CHAS. PFIZER & CO., INC.

Manufacturing Chemists

81 MAIDEN LANE, NEW YORK 444 W. GRAND AVENUE, CHICAGO, ILL.

1849—NINETY YEARS OF EXPERIENCE—1939

reason is that they were needed. Some of the traffic officers are a bit over-officious in their feeling of their authority. This can be attributed to the inadequacy of their knowledge of their jobs, plus the all too evident fact that the drivers know little, if any, more about the purposes.

Barring accidents for which neither will be, at least, purposely to blame, the future calls only for better coordination and co-operation in the functionings of business and government—a job which, of course, demands that both parties look at it alike. The objective of these functionings is the simple one of providing more money for the buying of goods, not the making of goods—that will naturally follow. Who needs the money? Well; who would buy the goods?

Barring accidents, the chemical, oil, and drug industries will do better in the second quarter of this year than they did in 1938. They will do at least as well, taking them all together, as they did in the first quarter.

General Statistical Record

Data contributed to the REPORTER'S business survey or collated from a variety of relevant sources present the following comparative values of elemental factors in the general business situation during the first quarter of 1939, or for other periods or specific dates as designated; particulars for the ten divisions of the chemical, oil, and drug industries are given in the respective market commentaries farther below (the figures in the tabulation represent percentage changes from the first quarter of 1938 or from other periods or dates as indicated):

Production

	Percent
Industrial production	+ 24.8
Manufacturing industries	+ 29.7
Capital goods	+ 52.4
Automobiles	+ 62.7
Coke	+ 22.4
Glass, plate	+196.4
Pig iron	+ 59.5
Steel ingots	+ 75.0
Steel barrels and drums	+ 18.1
Consumer goods	+ 17.5
Chemicals, oils, drugs	+ 12.5
(Data for the several groups are given in the respective market comments below)	
Alcohol	— 3.1
Denatured	+ 36.2
Ammonia (coke plant)	+ 24.1
Benzol (by-product coke plants)	+ 29.7
Carbon black (Texas)	— 11.3
Cellulose plastics	+105.1
Corn grind	— 5.6
Cottonseed oil, crude	— 34.3
Stocks, both grades (Mar. 31)	+ 12.3
Linseed oil	+ 10.8
Stocks (Mar. 31)	— 32.0
Methanol	— 10.5
Petroleum, crude	+ 4.5
Gasoline	+ 3.4
Motor fuel stocks (Apr. 1)	— 5.7
Sulphuric acid (fertilizer mfrs.)	+ 2.2
Stocks (Feb. 28)	+ 2.6
Superphosphates	— 8.7
Stocks (Feb. 28)	— 3.3
Lead and zinc	+ 0.4
Leather and products	+ 22.3
Newsprint	+ 12.9
Newsprint consumption	— 5.4
Rubber tires and tubes	+ 77.2
Rubber, crude, consumption	+ 66.4
Textiles	+ 42.1
Cotton consumption	+ 30.4
Hosiery	+ 38.2
Silk deliveries	+ 16 9
Wool consumption	+ 95.5
Minerals production	+ 3.8
Anthracite	+ 8.3
Bituminous coal	+ 19.4
Electric energy production	+ 10.3

Building Construction

Building permits and construction	+ 37.5
Family dwelling units provided	+ 63.5
Portland cement production	+ 26.7
Portland cement shipments	+ 19.2
Prepared roofing shipments	— 31.2

Employment

Factory employment	+ 2.1
Capital goods industries	+ 0.7
Consumer goods industries	+ 3.1
Chemical, oil, and drug industries	— 1.9
Factory payrolls	+ 10.9
Average weekly earnings	+ 8.9
Capital goods industries	+ 14.9
Average weekly earnings	+ 14.0
Consumer goods industries	+ 7.2
Average weekly earnings	+ 4.6
Chemical, oil, and drug industries	+ 3.2
Average weekly earnings	+ 5.9
Labor turnover	— 25.5
Accessions	+ 3.5
Separations	— 44.6

Sales

	Percent
Manufacturers' sales	+ 10.8
Chemicals, oils, drugs sales (volume)	+ 12.2
Chemicals, oils, drugs sales (value)	+ 9.1
Chemicals, oils, drugs, inventories (Mar. 31)	— 0.7
Chemical, oil, drug corporation earnings	+ 20.5
Medicinal preparations sales	+ 7.4
Paint and varnish sales	+ 16.3
Toilet preparations taxes (10%)	+ 18.5
Automobile sales, manufacturers	+ 60.8
Retail sales	+ 38.0
Retail financing (new cars)	+ 23.9
Leather and products sales	+ 17.3
Paper sales	+ 2.9
Rubber good sales	+ 32.4
Tires and tubes shipments	+ 59.3
Inventories, manufacturers' (Mar. 31)	— 9.8
Steel barrels and drums shipments	+ 17.8
Textiles and products sales	+ 11.1
Wholesale sales	+ 4.4
Chemicals	+ 17.8
Wholesale chemical inventories (Feb. 28)	— 2.4
Drugs and sundries	+ 5.0
Wholesale drug inventories (Feb. 28)	— 4.3
Paints and varnishes	+ 0.8
Wholesale paint inventories (Feb. 28)	— 9.6
Petroleum	+ 6.3
Wholesale petroleum inventories (Feb. 28)	— 5.4
Oil burner shipments	+ 38.2
Retail sales	+ 3.5
Chain stores	+ 1.6
Drugs	+ 1.1
Individual retailers	+ 3.8
Drugs	+ 0.2
Filling stations	+ 0.3
Department stores	+ 1.2
Department store collections	+ 2.5
Mail-order sales	+ 12.7
Rural retail sales	+ 11.1
Fertilizer tag sales	— 2.9

Prices

Chemicals, oils, drugs prices (Mar. 31)	— 4.7
Change during first quarter	— 1.7
General wholesale prices (Apr. 1)	— 3.5
Change during first quarter	— 0.9
Cost of living	— 2.2
Retail cost of food (Mar. 14)	— 2.8
Individual incomes (including benefits)	+ 1.9
Pay of employees	+ 4.6
Dividends and interest	— 4.9
Bank debits (Mar. 29)	+ 4.6
Business loans (Mar. 29)	— 11.3
Brokers' loans (Mar. 29)	+ 12.3
Prices received by farmers	— 6.1
Farm income (marketing and bonuses)	— 1.7

Transportation

Railroad carloadings	+ 6.1
Truck freighting	+ 25.1
Railroad operating income	+174.5

Foreign Trade

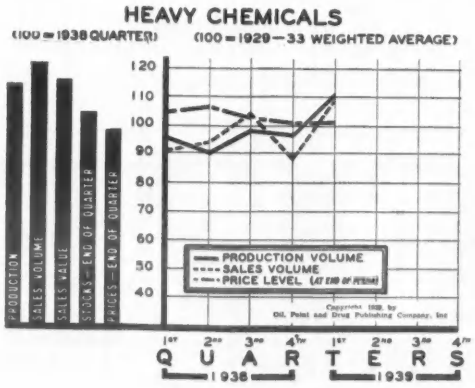
Exports of domestic goods (Jan.-Mar.)	— 15.4
Chemicals, oils, drugs (Jan.-Mar.)	— 5.4
Imports for consumption (Jan.-Mar.)	+ 4.1
Chemicals, oils, drugs (Jan.-Mar.)	— 1.1

Records of Chemical Groups

From individual records of operations, conditions, and sentiment in the chemical, oil, and drug industries submitted for analysis in the REPORTER'S nationwide survey for the first quarter of 1939 the following pictures of the several groups have been constructed:—

Heavy Chemicals

Increasing competition was noticeable in the field of heavy chemicals during the first quarter. This existed in the form of new materials offered to take the place of others in long-existing uses and also in the form of new producers in fields already well covered by existing facilities. Governmental interest in pricing plans, particularly that in finding out why a number of producers sold a product or bid on contracts for it at the same price, was a potent influence on activities, as well as policies. Demand on the whole was gratifying, but it was spotty



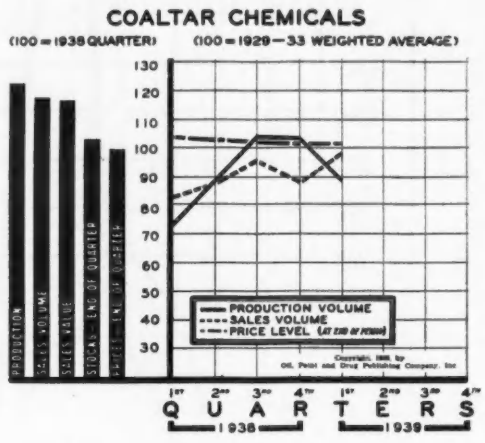
among various materials and in respect of different periods. In the latter connection it was interesting to learn that, in some quarters, February was the best month in several years; while, in others, February was the dullest of the three months in the quarter. Activity in most articles slowed up toward the end of the period; in a few, not seasonal at that, the last two weeks was the best in the quarter. There was a general expectancy of improvement, and this was most marked in the field of arsenicals, where weather conditions had exerted an adverse influence a year ago. Already the grasshoppers have come out in hordes and a scourge of other bugs is expected. In this direction is a big opportunity. In many other directions the heavy chemical industry is making opportunities, as well as making use of those presenting themselves. Through research in production and distribution it is continuously doing a better job for industry as a whole, and doing it at a descending cost. The average of prices used for the REPORTER'S index numbers for heavy chemicals and acids is now 2.5 percent lower than it was five years ago.

Data contributed to the REPORTER'S survey for the first quarter of 1939 indicate the following changes from the corresponding 1938 period:—

	Percent
Production	+ 14.8
Sales volume	+ 21.7
Sales value	+ 16.9
Stocks, end of quarter	+ 4.3
Prices, end of quarter	— 2.6
Change since January 1, 1939	— 0.1
Exports ($14,529,437)	— 1.6
Imports ($5,450,048)	— 15.9
Credit conditions—Unchanged	
Outlook—Brighter	

Coaltar Chemicals

Competition was a substantial factor in the coaltar chemicals division during the first quarter, and was largely of the price variety, competition among materials developing but minor new aspects. This division has a particular interest in foreign affairs, the volume of its foreign trade being much larger in both directions than it had been a year earlier. The reasons for this were extraordinary—martial activities abroad and impending tariff changes at



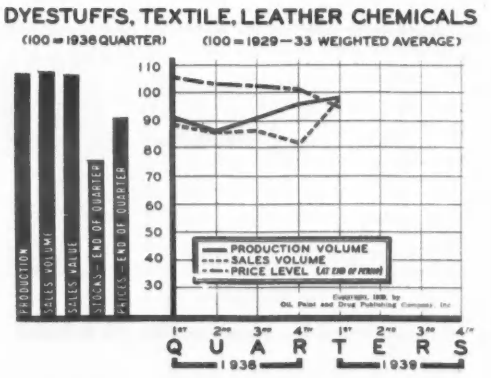
home. There was not much influence from this angle upon the price situation or upon competition in price; the latter condition was chiefly of spot application, sometimes affecting very limited areas, and its effect on the general average of prices was not great. Consumers' inventories were not padded in any anticipatory moves, but the general uncertainty offset the effect which this condition might have had as a promoter of optimism, the coal situation being particularly disturbing.

Data contributed to the REPORTER'S survey for the first quarter of 1939 indicate the following changes from the corresponding 1938 period.

	Percent
Production	+ 23.2
Sales volume	+ 18.1
Sales value	+ 16.4
Stocks, end of quarter	+ 3.1
Prices, end of quarter	— 1.3
Change since January 1, 1939	— 0.1
Exports ($2,919,095)	+ 35.6
Imports ($4,680,201)	+ 31.8
Credit conditions—Unchanged	
Outlook—Slightly brighter	

Dyestuffs, Textile, Leather Chemicals

Greater activity in the textile and leather industries was stimulative of business in chemical and botanical materials used in their processes during the first quarter. Difficulties in getting regular supplies of imported materials also had an improv-



ing effect on the situation. But, competition from reagents of the newer, organic types was a still more potent influence, and the price level was depressed substantially during the period. Consumers

did not buy much beyond nearby needs, a condition for which sellers of certain materials were grateful because their supplies were being reduced quite continuously. There was more optimism in the group than seemed to be justified by all relevant conditions; it was clear that sellers of reagents and other processing materials did not share the fear of some leaders in the textile and leather industries that production in those lines was being pushed somewhat more strongly than was warranted.

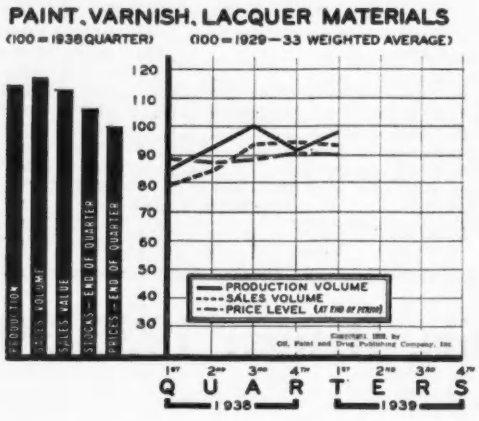
Data contributed to the REPORTER'S survey for the first quarter of 1939 indicate the following changes from the corresponding 1938 period:—

	Percent
Production	+ 7.3
Sales volume	+ 8.1
Sales value	+ 7.1
Stocks, end of quarter	— 24.6
Prices, end of quarter	— 9.7
Change since January 1, 1939	— 5.3
Exports ($1,865,106)	— 4.1
Imports ($3,432,939)	+ 6.6

Credit conditions—Unchanged
Outlook—Brighter

Paint, Varnish, and Lacquer Materials

In spite of spottiness and jitters the general trend of business in paint, varnish, and lacquer materials was upward during the first quarter. This trend began in the East and spread westward and crossed the continent in fairly stable proportions before the end of the quarter. The big reason was, of course, the greater activity in building construction and improvement. This was not felt in full effect, because manufacturers of paints, varnishes, and



lacquers were not inclined to anticipate their perceptible needs of materials to any great length. Sales of finished products by manufacturers and by wholesalers were encouragingly growing, and inventories were substantially reduced in both quarters. Manufacturers of materials, having a longer-time job to face, were more anticipatory of the effects of demands for ultimate consumption, although they did not step up their production abreast of increasing sales. Their inventories were sufficient to provide a fair margin of safety. Prices, influenced on one hand by the trend in metals and on the other by operating improvements, oscillated during the period but were back at the starting level at the close.

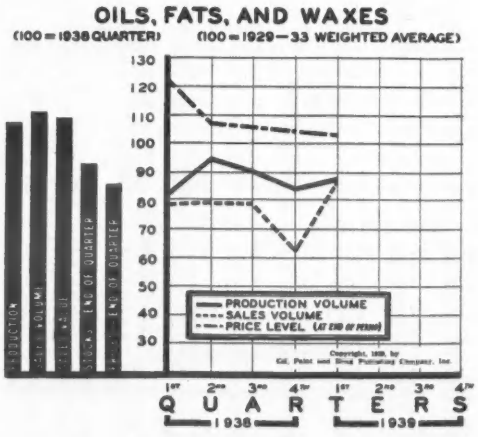
Data contributed to the REPORTER'S survey for the first quarter of 1939 indicate the following changes for the corresponding 1938 period:—

	Percent
Production	+ 14.5
Sales volume	+ 17.5
Sales value	+ 13.9
Stocks, end of quarter	+ 7.0
Prices, end of quarter	+ 1.0
Change since January 1, 1939	0.0
Exports ($10,317,131)	+ 44.9
Imports ($5,406,948)	— 0.6

Credit conditions—Unchanged
Outlook—Brighter

Oils, Fats, and Waxes

Foreign affairs were a potent influence in oils, fats, and waxes circles during the first quarter, al-



though the more noticeable effects—in respect of price—were attributable to the agricultural situation at home. In drying oils, the influences were bolstering; in edible oils and others in the soapstock category, competitive influence had an opposite effect. The latter was most evident in the price situation. Lard and cottonseed oil were the outstanding articles in respect of activity, the increasing production of the former disrupting the usual price relativity of the two materials. Consumption of all oils, fats, and waxes was heavy in comparison with last year. Production was larger in some articles, smaller in others, the net aggregate effect being a fairly large reduction of inventories; but only where scarcity was clearly to be foreseen was there any anticipatory buying. The appraisal of the future was made dependent on a number of contingencies, not the least potent of which was the outcome of the attempt to increase import taxes.

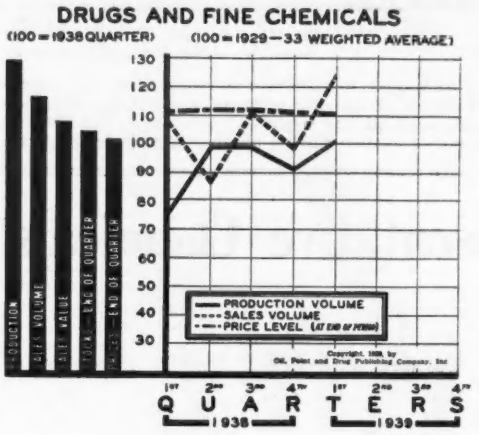
Data contributed to the REPORTER'S survey for the first quarter of 1939 indicate the following changes from the corresponding 1938 period:—

	Percent
Production	+ 7.9
Sales volume	+ 11.7
Sales value	+ 9.1
Stocks, end of quarter	— 7.6
Prices, end of quarter	— 15.1
Change since January 1, 1939	— 2.8
Exports ($9,637,989)	+ 2.2
Imports ($29,232,574)	— 1.8

Credit conditions—Better
Outlook—Brighter

Drugs and Fine Chemicals

Production of both pharmaceutical and technical fine chemicals was pushed more than was warranted by sales in the first quarter; although demand for some materials, such as glycerin and others with a munitions "flavor", made inroads on stocks on hand. There was good activity in solvents as a general thing, and the effects of increased demand because of greater industrial activity as a whole



were supplemented by price competition among the many that are extensively interchangeable for a number of users. Buying of pharmaceuticals, although of gratifying proportions especially in respect of staples, was somewhat restrained by the continuing uncertainty as to the effects of the oncoming new food, drug, and cosmetic law. No data were available with reference to the extent to which this factor was causing changes in formulas, but the official attitude toward certain well-known drugs as "dangerous" pointed to a possibility that such changes would be necessary, as well as changes in labels, but not to the same extent. Inventories of manufacturing consumers and wholesalers were below usual levels.

Data contributed to the REPORTER'S survey for for the first quarter of 1939 indicate the following changes from the corresponding 1938 period:—

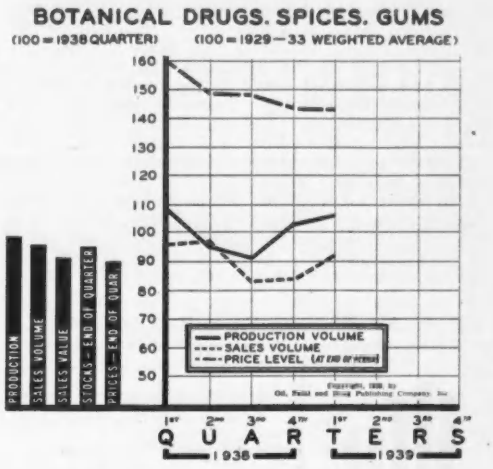
	Percent
Production	+ 29.5
Sales volume	+ 16.2
Sales value	+ 8.2
Stocks, end of quarter	+ 4.2
Prices, end of quarter	+ 1.4
Change since January 1, 1939	0.0
Exports ($8,344,788)	+ 7.7
Imports ($2,455,507)	— 53.9

Credit conditions—Unchanged
Outlook—Brighter

Botanical Drugs, Spices, Gums

Business in botanical medicaments and condiments was not up to the average of the chemical, oil, and drug industries in the first quarter. Supplies of domestic articles were low, and there was not much activity in collecting articles because the general feeling was that prices offered no inducement that would compete with governmental relief as a means of livelihood. Conditions in the Eastern Hemisphere had a different effect on supplies of imported materials. Importers were extraordinarily active in laying up stocks against the day when the sources, or at least the channels, would be cut off. Demand was not encouraging in any sense, insofar as medicinal botanicals were concerned. The uncertainty of the application of the new drug law was greater in relation to this type of materials than to other drugs. In few other than imported articles were sellers' inventories up to their usual volume, and manufacturers of other than official preparations were keeping their stocks at practicable minimums. There was a slight predominance of optimism in the views of the future, largely because improvement over the first quarter would not be difficult.

Data contributed to the REPORTER'S survey for



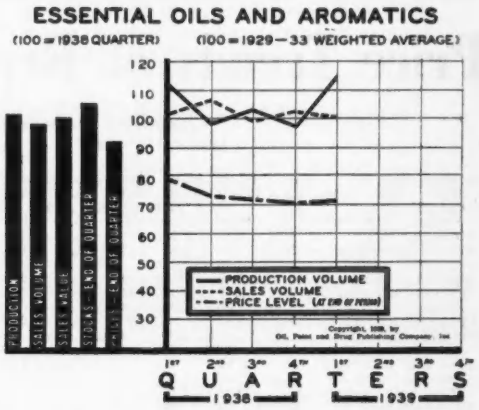
the first quarter of 1939 indicate the following changes from the corresponding 1938 period:—

	Percent
Production	— 1.8
Sales volume	— 4.7
Sales value	— 9.3
Stocks, end of quarter	— 5.0
Prices, end of quarter	— 10.2
Change since January 1, 1939	— 0.3
Exports ($667,038)	— 18.4
Imports ($10,840,931)	+121.7

Credit conditions—Unchanged
Outlook—Slightly brighter

Essential Oils, Aromatic Chemicals

Business was good during the first quarter in aromatics used in foods and beverages. It was not so good in the cosmetic field. Materials of a medicinal character moved at a practically normal rate. Cosmetic manufacturers had been operating heavily in preceding months, and although their sales during the quarter were of goodly volume,



they had less than normal needs to buy materials. Also they were much puzzled over the situation that would develop when the new Federal law became operative, this industry having had no previous experience in being regulated by government in matters of formula and labels and having but recently been subjected to advertising regulation. There was a measure of anticipatory importing of foreign materials, and exports were larger than those in the first quarter of 1938, foreign trade as a whole showing up better than domestic. The division showed a rising price trend during the quarter, but its prices were still relatively low, a condition attributable more to technical developments than to efforts to promote sales by means of more attractive quotations. A slight excess of production, plus the larger volume of imports, added a little to sellers' inventories. And for some reason there was a lack of optimism with respect to the future.

Data contributed to the REPORTER'S survey for the first quarter of 1939 indicate the following changes from the corresponding 1938 period:—

	Percent
Production	+ 2.7
Sales volume	— 1.8
Sales value	+ 0.4
Stocks, end of quarter	+ 6.8
Prices, end of quarter	— 8.5
Change since January 1, 1939	+ 0.6
Exports ($717,725)	+ 6.3
Imports ($1,760,787)	+ 3.9

Credit conditions—Unchanged
Outlook—Slightly duller

Petroleum Solvents, Lubricants, Fuels

Paradoxes were not so evident as usual in the activities of the petroleum industry during the first quarter. Production of crude petroleum was larger than that in the first quarter of 1938; prices, normally affected, were lower. Production of gasoline also was larger; and the refinery price was a trifle lower. Filling station sales were below 1938 levels in most parts of the country because of inclement weather; aggregate visible stocks of motor

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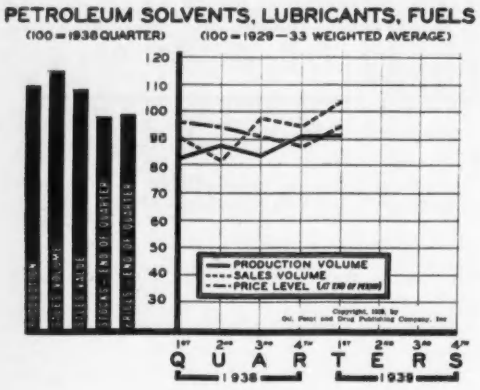
fuel increased about 20 percent during the quarter; but they were only a trifle larger than they had been a year earlier. Technical oils were selling in fair quantities: lubricants were up in industrial markets, down in the motoring field. Special oils were going well in the drug and cosmetic fields, but were lagging in others, and price competition was the result of the increased production. Solvents had a normal share of the bigger industrial activities of the country. Domestic fuel oils had a good season, because the weather was unusually cold. Prices of solvents and fuels were raised during the quarter and the average for the industry was advanced almost to the 1938 level. Combined inventories of all products were lightened. But exports were shrinking and the high rate of refinery operations was expected to pile up stocks of many products in the near future. There was the usual amount of argument against the lack of



restraint on crude output and refinery operations. There was also the usual opinion that market promises justified the creating of a reserve supply. The pros and cons on "hot oil" legislation were as busy as ever, and TNEC was getting in line for a look into how the industry conducted itself and why. Things, nevertheless, were generally regarded to be getting better.

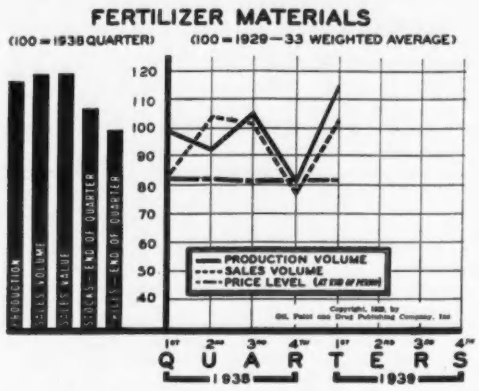
Data contributed to the REPORTER'S survey for the first quarter of 1939 indicate the following changes from the corresponding 1938 period:—

	Percent
Production	+ 10.0
Sales volume	+ 15.8
Sales value	+ 8.3
Stocks, end of quarter	— 2.0
Prices, end of quarter	— 1.9
Change since January 1, 1939	+ 9.2
Exports ($80,281,395)	— 12.2
Imports ($8,277,604)	— 18.3

Credit conditions—Unchanged
Outlook—slightly brighter

Fertilizer Materials

Sales of fertilizer materials in the first quarter were better than had been expected; they ran almost one-fifth larger than in the corresponding period in 1938. Production was stepped up out of necessity. Prices were not advanced, insofar as essential materials were concerned, and the fluctuations on other materials ended about where they started. Prices of fertilizer materials are among the relatively lowest in industrial markets. Prices



of prepared fertilizers are more than 25 percent closer to parity with prices of farm products than are prices of all commodities. Strangely, the Department of Justice started another "fertilizer trust" investigation, and more recently has started action against sellers of nitrate of soda. The farmer must be served! Because the farmer is not getting an equitable price for his products and, in spite of a bewildering variety of subsidies, is not adequately supplied with spending money, the fertilizer industry does not look with optimism to its business this year. It has direct governmental competition to think about also. Its export markets have been substantially curtailed—it seldom has approached a "favorable" balance in foreign trade. But, the industry has stuck to its self-imposed task of helping the farmer to more efficient production. If some way can be found to improve his selling, the fertilizer industry will be among the first to use it.

Data contributed to the REPORTER'S survey for the first quarter of 1939 indicate the following changes from the corresponding 1938 period:—

	Percent
Production	+ 17.0
Sales volume	+ 19.3
Sales value	+ 19.5
Stocks, end of quarter	+ 7.1
Prices, end of quarter	— 1.0
Change since January 1, 1939	0.0
Exports ($3,375,814)	— 15.6
Imports ($10,111,374)	— 16.4

Credit conditions—Slightly poorer
Outlook—Unchanged

Price Trends

Average prices at the end of the first quarter of 1939 and of 1938, with relation to those at the end of the similar period in 1937, compared as follows:—

(100 = Prices on March 29, 1937)

	1938	1939
Heavy chemicals	99.7	97.1
Coaltar chemicals	100.7	99.4
Dyestuffs, textile, leather chemicals	100.8	91.0
Paint, varnish, lacquer materials	94.9	95.8
Oil, fats, waxes	74.5	63.3
Drugs and fine chemicals	99.3	100.7
Botanical drugs, gums, spices	104.4	93.8
Essential oils, aromatic chemicals	83.6	76.5
Petroleum solvents, lubricants, fuels	93.8	92.7
Fertilizer materials	104.7	103.4
Average of all these markets	95.6	91.4

Price Trends of Representative Chemicals, Oils, Drugs: 1935-39

Industrial Chemicals

	1935. H.	1935. L.	1936. H.	1936. L.	1937. H.	1937. L.	1938. H.	1938. L.	1939. H.	1939. L.
Acid, acetic, 28%	$2.45	$2.40	$2.45	$2.45	$2.53	$2.23	$2.23	$2.23	$2.23	$2.23
Boric, tech., gran	105.00	80.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00
Chromic	.14¼	.13¾	.14¾	.14¾	.15¼	.14¾	.15¼	.15½	.15¼	.15¼
Sulphuric, 66 deg	15.50	15.50	15.50	15.50	16.50	15.50	16.50	16.50	16.50	16.50
Alum, ammonia	2.75	2.75	2.75	2.75	3.00	2.75	3.15	3.15	3.15	3.15
Alumina sulphate, com'l	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.15	1.15	1.15
Ammonia, anhyd	.16	.15½	.16	.16	.16	.16	.16	.16	.16	.16
Bleaching powder	2.00	1.90	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Calcium acetate	2.10	2.00	2.10	2.10	2.25	1.65	1.65	1.65	1.65	1.65
Arsenate	.06	.06	.06½	.06	.06¾	.06½	.06¾	.06¾	.06¾	.06¾
Chlorine, liq., tech	2.15	2.00	2.15	2.15	2.15	2.15	2.15	2.00	2.00	1.75
Potash carbonate	.07¾	.06¾	.06¾	.06½	.06½	.06½	.06½	.06½	.06½	.06½
Caustic	.06¼	.06¼	.07	.06¼	.07	.06¼	.07	.07	.07	.07
Soda ash, 58% light	1.05	1.05	1.05	1.05	1.05	.90	1.10	1.10	1.10	1.10
Caustic, elect	2.55	2.55	2.55	2.55	2.55	2.30	2.70	2.70	2.70	2.70
Phosphate, tri	2.40	2.10	2.10	1.75	2.00	1.75	2.00	2.00	2.00	2.00
Silicofluoride	.05	.04¾	.07	.04½	.06½	.05¾	.05¾	.04½	.04½	.04½
Sulphate, anhyd	1.15	1.15	1.45	1.15	1.45	1.45	1.45	1.45	1.45	1.45

Coaltar Chemicals

Anilin oil	$0.15	$0.15	$0.15	$0.15	$0.15	$0.15	$0.15	$0.15	$0.15	$0.15
Betanaphthol	.24	.22	.24	.24	.23	.23	.23	.23	.23	.23
Benzol	.18	.15	.18	.16	.16	.16	.16	.16	.16	.16
Creosote oil, crude	.12	.11½	.13	.12½	.13½	.13	.13½	.13½	.13	.13½
Cresylic acid	.51	.42	.73	.51	.89	.72	.89	.63	.63	.63
Naphthalene, crude	3.00	1.75	4.00	2.50	3.00	2.00	2.35	2.25	2.25	2.25
Phenol	.14¼	.14¼	.14¼	.13¼	.14½	.13¼	.14½	.14½	.14½	.14½
Phthalic, anhydride	.15½	.15½	.15½	.15½	.15½	.14½	.14½	.14½	.14½	.14½
Solvent naphtha	.30	.26	.30	.30	.30	.30	.30	.26	.26	.26
Toluol	.30	.30	.30	.30	.30	.30	.30	.22	.22	.22
Xylol	.30	.26	.30	.30	.30	.30	.30	.26	.26	.26

Dyestuffs, Textile, Leather Chemicals

Cochineal	$0.34	$0.32	$0.32	$0.32	$0.35	$0.32	$0.35	$0.35	$0.35	$0.35
Cornstarch	3.66	3.23	4.19	3.90	4.33	2.63	2.65	2.50	2.50	2.50
Egg yolk	.56	.46	.54	.49	.68	.52	.67	.62	.67	.60
Fustic, ext., liq	.08½	.08½	.08½	.08½	.09½	.08½	.09½	.09½	.09½	.09½
Logwood, ext., liq	.08½	.08½	.08½	.08½	.09½	.08½	.09½	.09½	.09½	.09½
Myrobalans	25.00	23.00	24.50	21.50	31.00	25.50	30.00	24.00	25.00	24.00
Potash bichromate	.08½	.08½	.08¾	.08½	.08¾	.08¾	.08¾	.08¾	.08¾	.08¾
Soda bichromate	.06½	.06½	.06¾	.06½	.06¾	.06¾	.06¾	.06¾	.06¾	.06¾
Sumac, grd	58.00	50.00	65.00	52.00	65.00	59.00	68.00	63.00	67.00	65.50
Valonia	58.00	41.00	64.50	46.00	49.00	46.00	50.00	45.00	47.00	45.00

Paint, Varnish and Lacquer Materials

Acetone	$0.11	$0.11	$0.11	$0.06	$0.06	$0.05	$0.05¾	$0.05¾	$0.05¾	$0.05¾
Barytes, dom	22.85	22.20	22.85	22.85	22.85	22.85	22.85	22.85	22.85	22.85
Butyl alcohol	.12	.11	.11	.08½	.09	.09	.09	.08½	.08½	.07½
Carbon black, Spec. 1	.0505	.0505	.0505	.0505	.0505	.0355	.03¾	.03¾	.04¾	.03¾
Chrome yellow	.15	.11	.13	.11	.15½	.13	.14½	.14½	.14½	.14½
Copal, Manila, W.S	.09¾	.08½	.09¾	.08¾	.08¾	.08½	.08¾	.07¾	.07¾	.07¾
Dammar, Batavia, A/E	.13½	.11¾	.14½	.12¾	.17¼	.14½	.17¼	.12¼	.12¼	.11¾
Ester gum	.07⅝	.07¼	.10	.07⅝	.11½	.09	.09	.06¼	.06¾	.06
Film scrap, w.w	.15	.14	.15	.15	.15	.15	.16	.12	.12	.12
Iron blues	.37	.36½	.37	.36	.36	.36	.36	.36	.36	.36
Nitrocellulose a/s	.29	.29	.29	.28	.28	.28	.28	.28	.28	.28
Ocher, Fr., light	.03	.02½	.03	.02¼	.02⅝	.02¼	.02⅝	.02⅛	.02⅝	.02¼
Red lead	.07½	.06½	.09	.07½	.10¾	.07½	.08	.07¼	.0760	.0735
Rosin	6.00	5.15	11.05	5.50	11.75	6.05	7.25	5.05	5.65	5.45
Shellac, bone dry	.31	.19	.23½	.17½	.21	.17	.19	.16½	.19	.19
T. N	.21	.14½	.17	.13½	.14	.12	.12	.10½	.10½	.10
Titanium white	.06	.06	.06	.05¾	.05⅞	.05¾	.05⅞	.05⅝	.05⅞	.05⅝
Turpentine	.56½	.48	.50¾	.40¾	.48½	.31½	.36¼	.25½	.34½	.28½
White lead	.06½	.06½	.07¼	.06½	.09	.06½	.07	.06	.07¼	.07
Zinc oxide, l. f	.06½	.05	.05¼	.05	.06¼	.05¼	.06¼	.06¼	.06¼	.06¼

Oils, Fats, and Waxes

Beeswax, Afric	$0.23½	$0.21	$0.26	$0.23	$0.20½	$0.25	$0.25	$0.19	$0.19	$0.19
Candelilla wax	.16	.10	.16	.15	.15½	.13	.15¼	.13½	.15½	.15½
Carnauba wax, 3, chalky	.39	.21	.36	.33½	.38¾	.33	.33½	.29	.29	.28
Chinawood oil	.35	.088	.1860	.1260	.2400	.1180	.1600	.0920	.1540	.1400
Coconut oil	.06⅛	.03½	.09¼	.03⅞	.10½	.03⅞	.04¼	.03	.03¼	.03⅛
Corn oil, crude	.11	.08¾	.10¼	.08	.10¼	.06½	.08	.06¼	.06½	.06
Cottonseed oil, crude	.01050	.0800	.1000	.0750	.1050	.0587½	.0750	.0587½	.0637½	.0575
Japan wax	.08¾	.06	.09¾	.08¼	.11	.09½	.10¾	.09¼	.10¾	.09¾
Lard	16.90	10.90	13.70	10.25	14.15	8.80	9.65	7.40	7.40	6.85
Lard oil	20.50	13.50	16.25	12.25	16.75	12.75	12.75	10.25	9.75	9.125
Linseed oil	.0960	.0770	.0970	.0880	.1070	.0960	.0970	.0750	.0830	.0790
Menhaden oil	.35	.25	.36	.28	.45	.34	.40	.27	.32	.30½

Oils, Fats, and Waxes (continued)

	1935. H.	1935. L.	1936. H.	1936. L.	1937. H.	1937. L.	1938. H.	1938. L.	1939. H.	1939. L.
Neatsfoot oil	17.00	16.25	16.75	16.00	18.25	17.00	17.25	15.25	.15¼	.15¼
Olive oil	.94	.80	1.60	.70	1.65	1.15	1.15	.86	.94	.85
Perilla oil	.10½	.07¼	.11	.08	.13¼	.10½	.11	.09	.0930	.0890
Red oil	.08¾	.06½	.09¾	.07	.10¾	.08¾	.08¾	.06½	.07	.06½
Sardine oil	.38	.24½	.46	.28	.54½	.36	.46½	.28	.31	.28½
Soybean oil	.1000	.0800	.1050	.0700	.1080	.0600	.07	.05¾	.05¾	.05½
Stearic acid	.11¼	.09½	.11½	.08¼	.12¼	.11	.11	.10	.10½	.10
Tallow	.07⅝	.05⅞	.08⅜	.04½	.10¼	.05⅞	.06⅝	.04½	.05⅞	.05¼

Drugs and Fine Chemicals

Agar agar, 1	$0.90	$0.52	$0.90	$0.67	$1.15	$0.72	$1.05	$0.85	$0.93	$0.90
Alcohol, S.D. 1	.31	.295	.31	.23	.27	.26	.27	.22	.22	.21
Aloin	1.60	1.30	1.60	1.50	2.00	1.50	2.65	2.00	2.65	2.65
Bismuth subcarbonate	1.65	1.40	1.40	1.40	1.40	1.23	1.53	1.22	1.53	1.53
Metal	.90	1.00	1.00	1.00	1.00	1.00	1.05	1.05	1.05	1.05
Cadmium metal	.85	.55	1.05	.85	1.60	1.05	1.60	.85	.85	.80
Calomel	1.11	1.01	1.40	1.01	1.59	1.40	1.50	1.18	1.50	1.44
Castor oil	.10	.09½	.10	.10	.10	.10	.10	.09	.09	.08
Corn syrup, 42°	3.63	3.18	4.10	3.05	4.36	3.11	3.12	2.89	3.12	3.02
Corrosive sublimate, cryst.	.76	.71	1.05	.76	1.30	1.20	1.30	1.05	1.30	1.26
Cream of tartar	.17¾	.17¼	.17¾	.15	.19¾	.15	.22¾	.19¾	.22¾	.22¾
Epsom salt	2.15	1.90	1.90	1.90	2.00	1.90	1.90	1.90	1.90	1.90
Iodine, resubl	1.90	1.65	1.65	1.50	1.50	1.50	1.75	1.50	1.75	1.75
Iron-ammonia citrate, b., s.	.52	.49	.49	.37	.37	.37	.37	.37	.37	.37
Menthol	3.75	2.80	3.75	3.10	3.40	3.10	3.25	3.10	3.10	2.97½
Quicksilver, domestic	75.00	69.50	94.00	74.00	97.00	81.00	82.00	72.00	87.00	77.00
Quinine	.51	.51	.53	.51	.53	.53	.54	.53	.54	.54
Santonin	70.00	26.00	43.00	30.00	43.00	25.00	25.00	21.00	21.00	19.00
Silver nitrate	.50	.36¾	.33¼	.32¾	.33¾	.32¼	.32⅝	.31½	.31½	.31½
Thymol	1.85	1.65	1.65	1.55	1.65	1.55	1.65	1.40	1.40	1.40
Vanillin, ex eugenol	4.00	3.00	3.90	3.75	3.65	3.10	3.10	2.10	2.20	2.10

Botanical Drugs, Spices, and Gums

Aletris root	$0.30	$0.27	$0.30	$0.29	$0.45	$0.30	$0.45	$0.38	$0.40	$0.39
Arnica flowers	.30	.15	.33	.25	.35	.27	.33	.28	.30	.29
Belladonna leaves	.18	.14	.14	.14	.14	.14	.14	.12½	.12½	.12½
Cascara sagrada bark	.11	.08	.12	.11	.14½	.11¾	.11¾	.09½	.11	.10½
Dandelion root	.24	.18	.23	.18	.23	.19	.19	.13	.13	.13
Digitalis leaves	.30	.24	.26	.23	.65	.24	.65	.38	.38	.37
Ergot, U.S.P	2.10	.34	2.25	1.35	2.05	1.50	1.65	1.25	1.35	1.25
Golden seal root	2.00	1.05	2.85	2.00	3.55	2.85	3.65	2.75	2.75	2.75
Gum arabic, sorts	.13	.09½	.10¼	.09	.14½	.09¾	.11¾	.09½	.09½	.09½
Henbane leaves	.28	.19	.22	.20	.21	.19	.19	.15	.15	.14½
Lavender flowers, select	1.05	.60	1.05	.63	.60	.50	.50	.40	.40	.40
Lycopodium	.80	.32	1.25	.80	1.40	.95	1.30	.93	.93	.93
Myrrh	.40	.22	.40	.35	.45	.40	.36	.35	.35	.35
Papain	3.25	1.75	1.75	.95	2.75	.95	2.75	1.08	1.20	1.10
Rhubarb root	.38	.23	.35	.30	.75	.32	.65	.30	.45	.35
Saffron, Spanish	12.25	9.50	18.00	11.50	23.00	14.00	30.00	23.00	31.00	26.00
Senega root	.33	.23	.36	.33	.60	.36	.70	.50	.65	.62
Stramonium leaves	.13	.08	.11	.07	.11	.11	.13½	.10	.13½	.13
Tonka beans, Angost	2.75	1.85	2.50	2.50	2.50	2.50	2.50	2.40	2.40	2.40
Valerian root	.23	.13½	.13½	.11	.11	.09	.12	.08½	.10	.09½
Vanilla beans, Bourb	2.70	2.00	3.75	2.40	4.75	3.25	4.40	3.35	5.25	4.75
Mexican	3.25	3.00	4.00	3.00	4.75	4.00	4.75	4.25	5.25	5.00

Essential Oils

Anise	$0.50	$0.40	$0.95	$0.50	$1.35	$0.70	$1.25	$0.70	$0.70	$0.67
Bergamot	1.80	1.30	2.95	1.60	4.00	2.95	4.00	3.65	3.65	3.65
Cassia	1.52	1.10	1.10	.90	1.25	.90	1.20	.84	.95	.93
Citronella, Ceyl	.28	.22	.29	.18	.42	.32	.42	.32	.32	.32
Clove	.90	.83	1.05	.88	1.25	1.05	1.07	.95	.95	.95
Geranium, Alg	5.25	4.50	5.25	4.50	4.85	4.00	4.00	2.85	2.70	2.85
Lavender, 30-32%	3.00	2.55	2.75	2.55	2.25	2.25	2.25	2.00	2.00	2.00
Lemon, Calif	1.70	.60	3.00	1.00	3.50	2.60	2.50	2.50	2.50	2.50
Italian	1.85	.95	2.85	1.00	3.75	2.60	4.00	3.00	3.10	2.75
Lime, dist., Mexican	6.00	4.35	5.75	5.45	6.10	5.40	6.40	3.35	3.25	2.50
Orange, Calif	3.00	2.00	3.25	2.25	3.25	1.75	1.75	.65	.75	.75
Italian	2.95	1.50	2.75	1.90	4.00	2.25	2.25	2.25	2.25	2.25
Peppermint, redist	3.20	2.05	2.55	2.10	2.80	1.75	2.35	2.15	2.55	2.35
Spearmint	1.75	1.60	2.00	1.40	1.90	1.65	1.70	1.60	1.70	1.70
Thyme, red	1.35	.58	.85	.68	.85	.69	.85	.69	.85	.85
white	.80	.65	.80	.80	.85	.78	.85	.78	.85	.85
Wormwood	2.75	2.45	3.00	2.25	3.00	2.00	3.25	2.65	3.35	2.65

Fertilizer and Petroleum Products Price Trends appear on page 54

Heavy Chemicals

Sharp Decline in Perchlorethylene and Trichlorethylene — Tin Derivatives Display Advances—Copper Firmer—Better Inquiry for Most Seasonal Chemicals

Price developments in the market for industrial chemicals were more numerous last week. Changes, however, were evenly distributed between advances and declines, although the reductions were in more important chemicals, while the strength was centered in nonferrous metals and their derivatives. Demand for heavy chemicals failed to improve, and reports were quite general that activity recently has slackened. The warmer weather probably was the most cheerful development, providing a better inquiry for some seasonal products. On the other hand, the continued uncertainty prevailing over the soft coal deadlock and the developments abroad tended to restrict forward buying in most chemicals.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Copper, electrolytic, ¼c. per lb.
Soda stannate, ½c. per lb.
Tin, Straits, 1c. per lb.
crystals, ½c. per lb.
stannous chloride, anhy., ½c. per lb.
tetrachloride, anhy., ½c. per lb.

Reduced

Blue vitriol, 99 p.c. cryst., 10c. per 100 lbs.
monohydrated, 15c. per 100 lbs.
Chlorine, liquid, cyls., dlvd. N. Y., ¼c. per lb.
Perchlorethylene, 9/10c. per lb.
Trichlorethylene, 9/10c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
147.9	**148.0**	**146.9**	**153.4**

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	**99.6**	**99.6**	**99.6**

Market news that may have developed after this report was sent to press will be found on page 4.

The decline in cylinder liquid chlorine prices was confined to New York where competition recently has been quite keen; the prices remained steady in other sections. Revised schedules were issued for perchlorethylene and trichlorethylene displaying sharp declines amounting to approximately 10 percent for the large quantities and 6 percent for the smaller lots. Another zone was added for Southern Atlantic states to provide for the higher freight rates. The reduction was made to stimulate new applications and expand the uses for the product. The decline in blue vitriol was not confined to the past week, but reflected the change made April 21st when the price of copper was lower. However, recent firmness in the basic metal has created a better tone in the market. Straits tin advanced to the highest level since October, 1937, and brought about further strength in tin crystals, anhydrous tetrachloride, anhydrous stannous chloride of tin and soda stannate. The recent firmness in copper had no effect on the copper salts.

A better inquiry was noted for some seasonal chemicals, and a definite break in the weather was expected to bring about a more normal movement. Ammonia anhydrous continued routine. Calcium chloride awaited drier weather before any widespread movement for dust control work could be looked for. Water treating chemicals such as alums and chlorine were moderately active. Soda chlorate was not as yet moving in any great quantities for weed killing purposes. Demand for agricultural insecticides and fungicides was slightly better although demand was mostly confined to the South and West Coast.

Alums.—The market displayed little change from recent weeks, movement of alumina sulphate, commercial and iron-free, ammonia and potash alums was fairly steady, but demand was not particularly heavy. Price schedules were without alteration. Production of alumina sulphate in Argentina during 1938 increased to about 25,000 tons, with also a few hundred tons of the solid material. Although 20,000 tons of Brazilian bauxite obtained under a 1936 contract would be sufficient to produce sufficient quantities up to August, 1940, it was thought advisable to purchase 24,000 additional tons to be delivered by May, 1939. The foregoing activity has caused a decline in imports, although a certain volume is still coming in for use by waterworks not under the jurisdiction of the Government Sanitary works, as well as for other purposes. The United States continued to supply most of the water treatment materials for boilers, most of which is for consumption by the railways, according to the American commercial attache in Buenos Aires.

Ammonia Anhydrous.—Movement of tanks and cylinders remained about routine. Indications of warmer weather argured well for seasonal movement of material, however, sellers report that shipments were not up to last year's level when the weather was much warmer. Prices ruled firm.

Ammonia, Aqua.—Business was moderately active in most directions, although volume was not exceptionally heavy, steady shipments against contracts in tanks and drums provided a satisfactory amount of orders. No change occurred in the quotations.

Antimony.—Dealings in the market for domestic metal were quiet, and most transactions were for small quantities. Quotation remained steady at the 11½c. per pound basis.

Antimony, Needle.—No further price fluctuations were noted, however, position of the market was firm at the levels established the preceding period, and supplies of material were still scarce.

Bleaching Powder.—The market underwent no important changes, business was moderate from the usual consuming channels, and quotations were in conformity with those prevailing previously.

Blue Vitriol.—As announced in the late market section April 21 quotations were revised downward 10c. and 15c. per 100 pounds respectively for the crystals and monohydrated materials. The market was firmer recently as the result of the strenghening in the basic metal. Business held at satisfactory levels in practically all directions. Seasonal movement for horticultural purposes was more evident, while the call for water treating purposes and commercial withdrawals were making good progress.

Calcium Chloride.—The movement for dust control work has not showed any widespread gains as yet, but the appearance of better weather should soon augment shipments for this purpose. Demand for other uses was showing favorable progress, and business on the whole was satisfactory. No change occurred in the quotations.

Chlorine.—Prices for liquid chlorine in cylinders delivered in New York were reduced ¼c. per pound, making car lots 5¼c. per pound and less car lots 7¼c. per pound. The reduction reflected keen competition in the local area, and had no effect on prices in other territories, where quotations were generally steady. Schedule for tanks was fully maintained at the basis established some weeks ago. Business in most sections was showing signs of seasonal expansion, especially insofar as the call for water treating and sanitation purposes were concerned, while withdrawals for commercial use was holding fairly steady, although volume of business was not entirely up to expectations in some lines.

Copper.—A firmer price tone prevailed in the domestic copper market last week. After the price of copper dropped to 10c. per pound, a leading producer advanced the price to the 10½c. per pound basis and the custom smelter price rose to the 10¼c. per pound level. Business in the domestic market was quite active at the lower price, and when the market showed evidence of firming sales jumped considerably totaling approximately 14,000 tons on Wednesday. However, the demand subsided later in the week and sales

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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averaged around 3,500 tons. Sales so far this month were estimated at about 41,000 tons. Sales in the foreign market were somewhat disappointing, although the price was firmer at about 10.24c. per pound. Copper in the outside market was available at 10¼c. per pound.

Copper Salts.—No price changes occurred in the market for various copper derivatives. Sellers were awaiting further clarification of the erratic movement in the basic metal before altering prices. Volume of business in the oxides of copper, carbonate, cynaide and chloride continued moderate.

Copperas. — The market remained firm, but quotations were in line with those prevailing previously. While supplies of material were not abundant, sellers were able to take care of the demand. Steel operations last week were scheduled at 48.6 percent of capacity, compared with 50.9 percent in the preceding week and 32.0 percent in the corresponding week a year ago.

Fluorspar. — Movement of various grades was not very active last week. Demand for metallurgical trade was held to modest quantities, while the call for ceramic purposes was quiet. Domestic and imported quotations held at unchanged levels.

Glauber's Salt. — Shipments were moving out at a moderate pace, with most consumers making commitments for nearby needs last week. Pricewise the market noted no new developments.

Magnesite.—The market displayed moderate activity, reflecting the pickup in the building and rearmament programs, and sellers report volume so far this year was considerably ahead of the same period a year ago. No

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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change was uncovered in the quotations.

Nickel Salts. — Business remained steady in this direction, and withdrawals against contracts were generally satisfactory. Quotations were in conformity with those prevailing for some time.

Perchlorethylene. — Quotations were reduced 9/10c. per pound for larger quantities with corresponding reductions made for smaller amounts. Southern Atlantic States were classified in a new zone, and quotations on the Pacific Coast were on an f.o.b. stock point basis. Quotations east of the Mississippi River, excluding Southern States, follow:—Drums, car lot, works, freight allowed, 8c. per pound; 5 drums, same basis, 8½c. per pound, and less than five drums, 8¾c. per pound. Prices in the South and Rocky Mountain States were uniformly ½c. per pound higher. The reduction was made to stimulate new applications and expand the uses for the product.

Potash Carbonate.—Nothing new developed in the market, and volume of business was holding at about the same levels as the past several weeks. Prices were without change.

Potash Caustic.—Business failed to show any definite signs of expansion, and shipments were about routine in the market last week. Prices ruled unchanged. Caustic potash is manufactured in Belgium in two plants. The raw material is imported from France and Germany. The finished product is sold on the domestic market to the consuming industries in the form of lye and as a solid product for export.

Potash Chlorate. — Withdrawals for the account of the match industry continued to provide the market with adequate support, and quotations were without change.

Salt.—Demand for industrial purposes was somewhat disappointing, and a leveling off in demand was evident during the past several weeks. More stability was evident in prices than heretofore, and quotations established previously were well maintained.

Saltcake.—Quotations for foreign and domestic material were unchanged. Shipments were moving forward to the Kraft paper industry in fair volume, but most of the transactions were withdrawals against contracts already entered into.

Soda Ash.—Volume of business was below expectations after showing improvement in March, shipments so far during April were not up to seasonal proportions. Price schedules were the same.

Soda, Caustic.—No noticeable improvement in the demand was evident last week. Consumption by leading basic industries was steady, but some hesitation was displayed in making commitments. Prices ruled unchanged. The soap industry in Brazil is an important output for caustic soda. The current output falls considerably short of domestic requirements. The higher import duties imposed on the product, late in 1937, increased the price to consumers and in the first nine months of 1938 incoming shipments showed an important decline from those of the preceding period. The import market is largely supplied by British and, to a smaller extent, American interests.

Soda Chlorate.—A better inquiry was noted in the market, although shipments were not moving out to consumers in any great quantities as yet. Usually the market begins to pick up during May and continues through to the Fall for weed killing purposes. Prices were steady to firm.

Soda Cyanide.—Shipments to the automotive trade continued to move much better than in the same period a year ago, but recently have been below the higher levels established earlier in the year. No change occurred in the quotations.

Soda Fluoride.—Interest in the market was only fair; however, seasonal movement in some consuming lines was expected to get under way shortly. Pricewise nothing new transpired.

Soda Pyrophosphate. — A generally firmer tone prevailed in the market, with all leading factors quoting the higher prices established a few weeks ago. Demand was steady.

Soda Silicate.—Shipments against contracts provided the market with a moderate amount of business, while spot transactions were making their appearance quite steadily. Sellers were adhering to quotations in force for some time.

Soda Silicofluoride. — Conditions in the market showed no noticeable change last week. Supplies of imported and domestic material were in sufficient quantities to give the market an easy tone, while demand was not particularly brisk.

Soda Stannate.—Further strength in the Straits metal advanced prices another ½c. making quotations 32c. to 35c. per pound. Business was held to moderate levels in practically all instances.

Tetrachloretheylene. — A revised schedule, effective immediately, showing reductions in car lot prices of 9/10c. per pound was issued. The new schedule lowers prices about 10 percent for the larger quantities and 6 percent for the smaller lots. Another zone was added for the Southern Atlantic states, which heretofore had been included in the territory East of the Mississippi River. The new schedule follows:—drums, car lot, works, freight allowed, .08c. per pound; 5 drums, same basis, .08½c. per pound and less than five drums, .08¾c. per pound. The above prices apply in territory East of the Mississippi River, but excluding Southern Atlantic states. Quotations in the Rocky Mountain and Southern territory were uniformly ½c. per pound higher. Prices on the Pacific Coast were on an f.o.b. stock point basis.

Tin Salts.—The market continued to record fractionally higher levels for various tin derivatives. Quotations for tin crystals rose to the 38c. to 38½c. per pound basis; anhydrous tetrachloride of tin to 24¾c. per pound and anhydrous stannous chloride of tin 45½c. to 46c. per pound. The strength in the market was attributed to the continued firmness in the Straits metal, which reached the highest level since October, 1937, at 48¾c. per pound. World tin production in the first two months of this year amounted to 26,100 tons, compared with 27,000 tons in the similar period of 1938, according to the International Tin Research and Development Council. Production of the signatory countries accounted for 21,000 tons, against 22,100 tons. World apparent consumption was 22,200 tons, compared with 26,500 tons in the first two months of 1938.

Acids

Business in the market for mineral acids displayed little change last week. Sellers were in receipt of a fair size number of orders in most acids, but the leveling off in some basic consuming industries prevented the market from showing any tangible signs of improvement as far as volume was concerned. Any clarification of the international and domestic uncertainties was expected to find quick reflection in business, since inventories were reported at low levels. Price schedules remained unaltered, and there was little disposition to alter quotations in either direction at this time.

Acetic.—Spot and contract shipments of various grades proceeded to move at a moderate pace, with little broadening in the demand evident. Price schedules were without alteration.

Chromic.—A firm price tone continued to prevail in the market. Withdrawals were quite steady, but some conservatism was evident in making forward purchases.

Formic.—Major consumers were supplying the call for necessary quantities, and business was not especially heavy last week. No change occurred in the quotations.

Gallic.—No new developments took place in this direction, and trading was along quiet lines for the most part, with quotations steady to firm.

Lactic.—Demand was spotty, certain grades demanded fair attention while others continued to lag. Pricewise nothing new transpired, and quotations were fairly well maintained.

Muriatic.—Shipments were moving against contracts in fair volume, but reduced operating schedules in some consuming lines prevented any expansion in business. Quotations ruled unchanged.

Oxalic.—Smaller consumers provided the bulk of the business in this direction, while volume was not so large, orders were making their appearance consistently. Quotations ruled unchanged.

Sulphuric.—The situation in the market remained relatively unchanged last week. Basic consuming industries continued to place orders in a conservative manner. Steel operations last week were

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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estimated at 48.6 percent of capacity, compared with 50.9 percent in the preceding week, and 32.0 percent in the corresponding week a year ago. Nothing new developed in the price schedules.

Baltimore, April 26.—The business in sulphuric acid moves along very slowly, about as it has been since the period for placing orders to cover estimated requirements for a year or more, and the additions now made to the transactions involve only such commitments as are prompted by new ventures, or the limited needs that have become apparent at this time. These transactions are concluded on the nominal basis of $12 per ton for 60-degree, and at $15 per ton for 66-degree acid. The quotations on oleum also are subject to little variation, with the nominal level still at $17 per ton for 20 percent supplies.

Insecticides

Demand for agricultural insecticides and fungicides was slightly better last week. Nevertheless, weather conditions have not been generally satisfactory, and consumers were not exerting too much interest in the market at this time. If the weather should remain favorable for another few weeks, expectations are that a more normal movement of material will take place. Much interest was attached to the current cotton crop, with official weather reports indicating the progress of cotton was not up to expectations as the result of unfavorable weather. Attention was directed toward the Pacific Coast where Central California was ravaged by a severe grasshopper plague. However, farmers have been successful so far in combating the spread of the pests. Pricewise the market had no new developments.

Trees, shrubs and other vegetation in five national park areas along the Atlantic seaboard will be sprayed with arsenate of lead by CCC enrollees during May to combat the season ravages of the Japanese beetle, the National Park Service of the Department of Interior announced. Ground and foilage spraying will be continued through May. June and July in areas most menaced by the destructive insect and its larvae. Included in the areas under protection are portions of the 7,000 acre National Capital Park system, comprising 5,800 acres of parks, memorial grounds and circles within the District of Columbia and 1,200 acres of the George Washington Parkway in adjacent Virginia and Maryland.

Calcium Arsenate.—More attention was focused in the progress of cotton as the crop advances in many States, so far the growth was not up to expectations because of unfavorable weather. In Texas progress of cotton was generally poor. In the Eastern cotton belt planting made good to fair advance rather generally and chopping has begun in Southern Georgia and South Carolina. Business in the market was not very active last week, and further developments were awaited. Prices ruled firm.

Lead Arsenate.—Warmer weather in some sections prompted consumers to place orders, but business as a whole was not considered very broad. No change was disclosed in the prices. Trees, shrubs and other vegetation in five national park areas along the Atlantic Seaboard will be sprayed with arsenate of lead during May to combat the ravage of the Japanese beetle, the National Park service of the Department of the Interior announced.

Paris Green.—A grasshopper plague in Central California was reported under control by the State Department of Agriculture. Demand for Paris green felt some stimulation, since the use of this material has been very successful in the past in combating the pests.

Retail Druggists Urged To Push Fair Trade Goods

—Continued from page 5

ance be adopted by the State legislature, suitable provision be made for pharmacists to participate in the plan; and that a pharmacist be named to the local Board of Health with authority to act and participate in all matters pertaining to retail pharmacy.

Dr. Hugo H. Schaefer, dean of the Brooklyn College of Pharmacy, speaking on the new federal food, drug and cosmetic act said that its effect on pharmacists "will be an increase in prescriptions compounded, and the sale of USP & NF preparations, and a decrease in the sale of proprietary remedies and cosmetics which create their sale by exaggerated claims and promises."

Milton S. Malakoff, executive secretary of the International Drug Club, urged every pharmacist in the city to participate in the drug industry's program at the New York World Fair.

Annual reports were rendered by Dr. William C. Anderson, chairman of the board of health committee; Marty H. Sasmor, chairman, professional relations committee and Frederick C. A. Schaefer, treasurer. A mass meeting on Tuesday night was sponsored jointly by the council and the New York State Pharmaceutical Association. It was given over to a discussion of fair trade, combination deals and wholesaler discounts.

Officers elected were:—President, J. J. Goldberg; first vice-president, Marty H. Sasmor; second vice-president, Louis G. Gitlin; third vice-president, Sam Cohen; secretary, Hugo H. Schaefer, and treasurer, Frederick C. A. Schaefer. Elected to the board of directors were:—Robert R. Gerstner, New York; N. S. Gescalde, Kings; B. Rosenthal, Queens; Meyer Shapiro, Bronx; Frank L. Grennie, Richmond.

Chemical Salesmen to Hold Luncheon-Meeting May 10

The Salesmen's Association of the American Chemical Industry will hold a luncheon-meeting in the Chemists' Club, this city, May 10. The meeting, which will start at 12:45 p. m., will be addressed by Dr. Edward M. Frankel, consultant for the West Virginia Pulp & Paper Company. Dr. Frankel's talk on

Dr. Edward M. Frankel

"Chemicals and Their Uses in the Paper and Pulp Industry," will be the first of a series of talks sponsored by the association to deal with the subject, "Chemicals and the Purpose for Which They Are Used in Key Industries."

Previous to joining the West Virginia Pulp & Paper Company in 1928, Dr. Frankel has been affiliated with the Publicker Commercial Alcohol Company, Philadelphia, and E. F. Drew & Co., refiner of vegetable oils. In addition to being consultant to the West Virginia organization, Dr. Frankel is also technical director for Oldetyme Distillers, Inc.

Diamond Uses Reviewed In Prior Chemical Magazine

"Industry's Hard Guy" is the title of an article about diamonds in the April issue of *Priorities*, house organ of the Prior Chemical Corporation, this city. The story glances at the beginning and development of the mining of diamonds, the part they played in starting the Boer War, and the discovery of the Cullinan, the most famous diamond of all time. The chief theme of the story relates to the highly important industrial uses of diamonds due to the fact that the diamond is harder than any other substance known to man. Brief mention is made of other precious gems employed in industry.

H.B. Bishop to Be Honored At Chemists' Club May 17

Howard B. Bishop, president of Sterling Products Company, Easton, Pa., will be given a testimonial dinner by the Chemists' Club, this city, on May 17 at 6:30 p. m. Mr. Bishop, a Nichols medalist in 1908, is noted for his inventions of processes and apparatus used in the chemical and laundry industries.

Chemical Workers And Payrolls Gain

—Continued from page 4

Payroll totals were 5.0 percent above the general average for all industries.

Detailed Comparisons

Employment

(100=1923-25 average)

	Mar. 1939.	Feb. 1939.	Mar. 1938.
Chemicals	116.3	116.1	113.4
Cottonsed oil, cake and meal	88.9	85.3	104.6
Druggists' preparations	107.9	107.6	108.6
Explosives	80.8	80.2	82.5
Fertilizers	131.0	98.2	129.5
Paint and varnishes	115.1	112.5	113.5
Petroleum, refined	116.2	116.4	121.2
Rayon and allied products	317.3	319.1	312.1
Soap	90.5	89.7	89.0

Payroll Totals

(100=1923-25 average)

	Mar. 1939.	Feb. 1938.	Mar. 1938.
Chemicals	130.7	129.6	118.5
Cottonseed oil, cake and meal	74.4	69.4	87.2
Druggists' preparations	119.0	117.9	114.8
Explosives	90.7	91.9	88.1
Fertilizers	104.6	77.2	109.2
Paint and varnishes	120.5	115.7	110.8
Petroleum	131.2	132.1	136.5
Rayon and allied products	313.9	314.4	281.7
Soap	92.7	91.2	89.7

Data compiled by the Bureau of Labor Statistics for basic non-manufacturing industries related to the chemical industries afforded the following comparisons on the basis of the 1929 average:—

	Employment Mar.	Employment Feb.	Payroll Totals Mar.	Payroll Totals Feb.
Metalliferous mining	60.7	61.2	53.3	52.6
Quarying and non-metallic mining	40.3	37.7	33.1	29.4
Crude petroleum producing	66.1	66.4	62.1	62.0
Dyeing and cleaning	95.6	92.1	67.6	63.4

Employment in New York

Employment in factories producing chemicals and related products in New York State increased 1.5 percent from Frebruary 15 to March 15, 1939, and increased 2.1 percent in the city, according to the records of the State Department of Labor.

General factory employment increased 1.2 percent from February 15 to March 15, and payroll increased 3.5 percent during the same period. The department's index of employment for March was 82.9 percent. The payroll index was 79.5 percent. These indexes are based on the average years 1925-27 as 100.

	Percentages State.	Percentages City.
Drugs and industrial chemicals	0.0	+1.1
Oil products	+0.5	—0.5
Paints and colors	+6.2	+7.0
Photographic and miscellaneous chemicals	+2.1	+22.3

Insecticide Law Enacted in Maryland

Maryland has enacted a new law, to become effective January 1, 1940, which is designed to regulate the sale of articles used as insecticides or fungicides in agriculture and to combat other agricultural pests, including bacteria, rodents, and weeds. Flysprays, insect powders, and similar articles for household use are not under the law.

Annual registration of articles subject to the law is required, with payment of $5 for each registration and a yearly maximum of $75 for any one registrant.

Westvaco Chlorine Names M.G. Geiger to Directorate

Martin G. Geiger has been elected to the directorate of the Westvaco Chlorine Products Corporation, this city. He succeeds H. Walker Zehner, resigned. Mr. Geiger has been affiliated with the Westvaco organization since 1921, the year of his graduation from Pennsylvania State College, where he majored in chemical engineering. After serving in the production department of the company Mr. Geiger was appointed assistant manager of the South Charleston plant in 1929, and was subsequently named resident manager of the plant, the position he now holds.

Scaife Company Establishes Fellowship at Mellon Institute

The William B. Scaife & Sons Company, Pittsburgh, has established an industrial fellowship in Mellon Institute for the purpose of conducting scientific research on problems pertaining to processes of fabricating and to the use of metal tanks, pressure cylinders, and water-softening equipment, the company's principal products. Dr. H. L. Anthony, incumbent of this fellowship before joining the Mellon Institute a short time ago, was with the Midvale Steel Company and also taught evening courses in metallurgy at Temple University.

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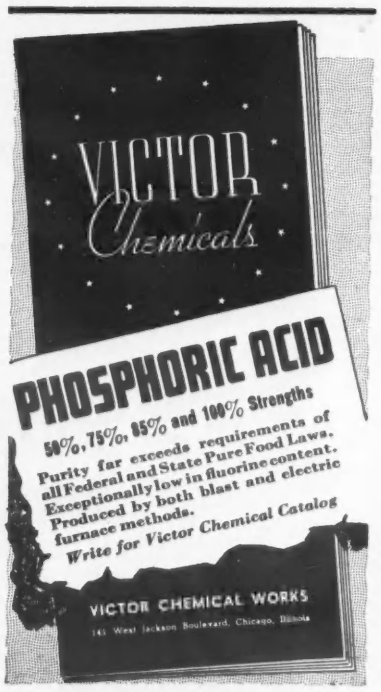
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Dyestuffs, Textile and Leather Chemicals

Volume of Business Fails to Show Any Tangible Improvement —Imported Blood Albumen Higher With Spot Stocks Scarce —Mangrove Bark Lower—Corn Derivatives Firm

Volume of business in the market for dyestuffs, textile and leather chemicals was rather limited last week. Consumers were not showing much interest aside from urgent requirements. The prolonging of the bituminous coal strike continued to threaten mills with a coal shortage, and unless settlement is effected within the near future the situation may become critical. Price changes were confined to higher quotations for imported blood albumen and a slight reduction in mangrove bark.

The firmness in imported blood albumen was attributed to the higher tax on German materials, and the absence of any sizable spot stocks. The domestic quotations were without change. Egg albumen failed to weaken any further, and the market was slightly more active at the lower levels. Egg yolk held steady, and supplies of material were not too plentiful. Corn derivatives were firm, although the price did not advance, since the strength in the basic commodity was not sufficient to bring about further change. Mangrove bark provided the only change in raw tanning materials. Demand from tanners was fairly active, reflecting to some extent the uncertainty prevailing abroad. Natural dyestuffs failed to improve as far as volume was concerned. However, logwood, fustic and archil moved fairly steady. Shipments of bichromates continued to move at a routine pace. Potash and soda prussiates were steady, but lacked any renewed buying support. Antimony salt was quiet. Zinc dust remained firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Albumen blood, light, imp., 3¢. per lb.

Reduced

Mangrove bark, 25c. per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
137.8	137.8	139.3	151.9

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Acetate.—Consumers were entering the market for moderate quantities, and there was little incentive to place commitments beyond current needs. Quotations for various grades were without change.

Antimony Salt.—Business remained dull in this direction, and usual consumers made their appearance for small quantities. Prices were retained at the levels in force previously.

Potash Bichromate.—Volume of business was not particularly large, but a steady inquiry prevailed in the market, and shipments for moderate quantities made up the call. Prices were without change.

Potash Prussiate.—Dealings in the red and yellow material were confined to routine proportions again last week. Quotations were well maintained and a steady to firm tone predominated.

Soda Bichromate.—Shipments were moving against contracts at a satisfactory pace, but withdrawals were usually held to nearby production requirements. No change occurred in the quotations.

Soda Prussiate. — No new developments entered the market as far as prices were concerned, and spot and contract business was not especially large throughout the past week.

Zinc Dust. — Demand was held to modest quantities as a rule in this direction. The tone of the market remained firm, however, reflecting the stability in the basic metal.

Dyestuffs

Annatto.—Trading in the market was usually confined to small quantities during the past week. Prices for the seed and paste material were without alteration.

Archil.—A steady to firm price tone characterized the dealings in the market. Shipments were moving out at a fair pace, but buyers were exercising caution in making commitments.

Cochineal.—Consumers were making their appearance for necessary quantities, and business was about routine last week. No change developed in the quotations.

Fustic.—Withdrawals were only fair, and interest in the market remained below the levels of the preceding month. Pricewise a steady to firm tone prevailed.

Logwood.—While trading was not brisk, sellers could point to a steady interest for moderate quantities during the week just ended. Quotations were in conformity with those prevailing previously.

Sizing Materials

Albumen, Blood.—A firmer price tone was evident in the market, and this could be attributed to the stiffening in prices for the imported material as a result of the recently established counter-vailing tax on German material. Quotations for the imported light grade were 55c. to 60c. per pound, according to quantity. Spot stocks were not very large. Domestic prices were unchanged. Demand was moderately active, with usual consumers displaying a steady interest.

Albumen, Egg.—No further weakness developed in the market last week. Quotations established the preceding period were well maintained and sellers could point to a slightly better interest in the market at the lower levels.

Dextrin. — Sellers reported a fair amount of business on the books last week. Consumers were cautious in making large withdrawals, but the recent stiffening in prices prompted some buyers to cover for nearby requirements. Quotations were well sustained.

Egg Yolk.—The tone of the market remained steady, and business was moderate in most directions during the past week. Supplies of material were not considered burdensome.

Starch.—Quotations continued to hold firm, although no further increases were forthcoming. The tone of the basic commodity was holding steady, but failed to record any appreciable gains. Business for various grades was steady, with principal consuming interests making fair size withdrawals. Preparation for corn planting made very little advance in most of the corn belt until the close of week when warmer, drier weather permitted resumption of plowing in Eastern states, according to the weekly weather report.

Tanning Materials

Mangrove Bark.—Price was slightly lower at $24.75 per ton. Demand was not particularly active, and supplies were adequate to take care of the available business.

Myrobalans.—A steady to firm price tone prevailed throughout the past week. Shipments were moving to consumers at a moderate pace.

Quebracho.—Shipments against contracts were moving steadily, but the disposition to keep stocks at current production requirements prevented any material expansion in business. Prices were firm.

Sumac.—No new price developments took place in the market last week, and a steady tone governed the transactions in the ground and leaf material. Demand was moderately active.

Valonia.—There was little new to report in this direction, with demand continuing fairly steady, and prices were without any alteration.

Wattle Bark.—Interest in the market was not particularly active during the past week. Quotations for the African materials underwent no change.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Drycleaning in Processing Lauded by Textile Chemist

The elimination of uneven color effects and other dyeing troubles, especially in the case of light shades, was an advantage gained in drycleaning textiles during their mill processing Roland E. Derby, chief chemist of M. T. Stevens & Sons Co., manufacturers of textiles, North Andover, Mass., claimed in an address "The Application of Dry Cleaning to Mill Processes" presented April 21 before the New York section of the American Association of Textile Chemists and Colorists, in the Chemists' Club, this city.

Mr. Derby's address was based on research work during recent months by the Stevens company on the drycleaning process. Among the first of the problems to be considered in this development work, he said, was the choice of a solvent best suited to the process. After extensive consideration it was decided to experiment with trichlorethylene, because of its relatively low toxicity and corrosive characteristics, he added.

The design of the equipment for the continuous drycleaning of textiles was then discussed by Mr. Derby. In the design adopted, he explained, the fabric passes through several small solvent baths, each of which becomes cleaner as the fabric progresses. Following the baths the cloth is run over a drying drum. The entire system of bath pans and drying drum is enclosed, so as to reduce solvent evaporization and raise the efficiency of solvent recovery. Dirty solvent drawn from the first of the fabric baths is distilled and reused, he concluded.

Consumers Import to Move

The Consumers Import Company, located at 115 Broad street, this city, for the past eleven years, will remove its offices May 8 to 342 Madison avenue. The telephone numbers of the company, importer of raw materials for the drug and food trades, will be Vanderbilt 6-5722-3-4.

Griess-Pfleger Tanning Company, Cincinnati, preparation of a reorganization plan under the provisions of the Chandler act has been placed in charge of J. T. Finn, recently appointed by the Federal court as a "disinterested trustee."

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Coaltar Chemicals

Continued Firmness in Coaltar Solvents Features Market—March Benzol Production Displays Some Improvement—Coke By-Product Output Records Slight Gain

Firmness in the coaltar solvents stood out as the most significant factor in the market last week. Domestic and export demand was sufficient to keep supplies of benzol, toluol and xylol at about the lowest level so far this year. The leveling off in steel operations has affected production to some extent. The Appalachian bituminous coal strike, now in its fourth week, has brought about precautionary measures in conserving coal and coke supplies at steel mills reflecting in banking of blast furnaces and coke oven battery. The situation was not expected to become serious until the next few weeks, during which time settlement was looked for.

Reports were more numerous that the general demand for coaltar chemicals has receded from the more satisfactory levels noted in the preceding month. Seasonal expansion in some products was disappointing. Creosote oil failed to broaden appreciably. Cresylic acid was spotty and subject to some pressure from imported material. Imported crude naphthalene was firm. Cresols were in fair demand. Phenol moved steadily, but volume was somewhat lessened. Pyridin continued scarce. Demand for intermediates and acids was about routine. Coaltar colors were less active.

Output of byproduct coke for the 31 days of March amounted to 3,438,537 tons, an average daily production of 110,921 tons. In comparison with the February 28-day rate of 109,923 tons, there was an increase of .09 percent. Merchant plants dropped 3.1 points in daily production, while at furnace plants there was an increase of 2.5 percent. Stocks of byproduct coke declined, the average daily production for the month amounting to 2,544 tons, being 14 percent less than that of February. Coke production in the United States increased during March, the total from byproduct and beehive ovens amounting to 3,507,237 tons, compared with 3,148,754 tons during February, according to the Bureau of Mines.

March light oil output was estimated at 13,884,616 gallons, compared with 12,428,447 gallons in the preceding month and 10,853,711 gallons during March, 1938. For the first quarter output aggregated approximately 39,899,937 gallons, against 32,194,405 gallons in the corresponding period a year ago. Tar recovery during March was about 42,090,777 gallons, contrasted with 37,676,447 gallons in February and 32,902,684 gallons in March last year. For the calendar year to March 31, tar recovery amounted to 120,955,404 gallons, compared with 97,596,325 gallons in the like period a year ago. Output of ammonia liquor (NH_3 content) during March totaled 4,434,000 pounds, against 3,973,000 pounds in February and 3,804,000 pounds in March a year ago. For the first three months this year, output was 12,671,000 pounds, compared with 10,830,000 pounds in the corresponding period a year ago.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.6	125.6	125.6	127.1

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Further firmness was evident in the market, reflecting the shutdown in the bituminous coal mines, and the lower rate of steel operations. Production was moving directly to consuming channels, with the demand for export and domestic needs sufficient to deplete the available quantities. Benzol output during March was estimated at 8,063,000 gallons, against 7,141,000 gallons in February, an increase of 12.9 percent, and compares with 5,998,000 gallons in the corresponding month a year ago. For the first three months production aggregated 22,992,000 gallons, compared with 17,728,000 gallons in the corresponding period a year ago. With the coal supplies dwindling, many steel producers have cut production at their blast furnaces and in some instances banked furnaces as a conservation measure. Steel operations declined to 48.6 percent of capacity, against 50.9 percent a week ago, and 32.0 percent in the corresponding period a year ago.

Creosote Oil.—Large consumers continue to display some hesitation before making commitments, although some plants have reopened for seasonal operations, and were making fair sized withdrawals against contracts. No change was reported in the quotations.

Cresol.—The character of business was little changed and various grades still move irregularly, with the demand from the synthetic resin industry reported as satisfactory. Quotations were in line with those previously prevailing.

Cresylic Acid.—The market lacked any new features and business was spotty. Certain grades of acid continue to be well taken against contracts, but little new business developed last week. The easiness prevalent in the foreign markets was without change, and the low prices established recently were still prevailing.

Naphthalene.—While demand for refined material was fairly steady, dealings in the crude grade was little better than routine. Price developments were lacking in the domestic market. In the imported crude product firmness remained in evidence, although business was not active. Supplies of spot stocks were not large.

Phenol.—Withdrawals were steady, however, some consumers were not showing as much interest as previously. The synthetic resin and plastic trades continued to make their appearance consistently for moderate size quantities. Pricewise no new developments occurred.

Pyridin.—With current production well sold, the market continued very firm and supplies of the refined and denatured grades were scarce. Despite the firm tone quotations were maintained at the same levels.

Toluol.—The position of the market continued very firm. Demand from the surface coating trade and export trade was adequate to deplete stocks of material to such an extent that large size inquiries for later in the year were turned down.

Xylol.—Much the same conditions prevailed in the market as in the past few weeks, demand was taking practically all available quantities from production, and stocks of material were nil. Prices were unaltered and a firm tone predominated.

Chicago Coaltar Bases

Purchases of coaltar bases have been moderately active and with no special change in either the demand or the supply side, the market has shown indications of considerable stability. Benzol orders are involving a reasonably ample amount of business. Toluol has been moving fairly well. Inquiries for most materials are being well maintained in volume. Ruling prices are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 22c.; 10-degree xylol, 28c.; solvent naphtha, 26c.; creosote oil, grade 1, 13c. to 14c.

Coaltar Acids

Anthranilic.—The market for the refined and technical grade moved through a routine trading period, and as far as prices were concerned, a firm tone continued to predominate.

Broenner's. — Prices were well sustained throughout the past week. Demand was confined to modest proportions by usual consumers.

Laurent's.—Withdrawals were about steady, although there was little tendency to anticipate needs, and trading

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

was not very expansive. Prices were unchanged.

Maleic.—Interest in the market was maintained at moderately active levels, with large consumers making fair size withdrawals against contracts. Quotations were steady to firm.

Other Intermediates

Anilin.—Spot and contract business was moderate, and demand was not quite as active as in recent weeks. Quotations were in conformity with those in force for some time.

Dimethylaniline. — Shipments were moving to most consumers at a steady pace, but the disposition to order close to production requirements remained in evidence. Prices ruled firm.

Nitrobenzene.—Volume of business gave little indication of expanding to any marked degree, but sellers could point to a moderate size movement to most consuming channels. Prices were the same as those in effect previously.

Orthonitrotoluene.—Most of the demand was confined to small quantities, with occasional good size orders reaching the market. Sellers were adhering to quotations in force for some time.

Phthalic, Anhydride.—Shipments for the account of large consumers were holding at compartively satisfactory levels during the past week. A steady to firm price tone characterized the dealings.

Xylidin, Mixed.—Transactions were steady and volume of business showed little change from recent weeks. Pricewise nothing new occurred, and a firm tone prevailed.

Coaltar Colors

The market lacked any material improvement as far as volume was concerned last week. Most consumers were pursuing a cautious purchasing policy, and limited orders strictly to nearby production requirements. Demand for Fall colors have not made their appearance to any appreciable degree as yet, and with the Spring and Summer season pretty well taken care of, the market was more or less marking time. Pricewise no new developments were uncovered, and the market was generally steady to firm. Carnival colors feature the Fall collection of fifty-six silk shades issued by the Textile Color Card Association. Twelve hues comprise the carnival group, comprising masquerate and carnival blue; radiant golden, lemon and orange tones, named gaiety gold; fiesta yellow and Creole orange; chartreuse and medium blue-greens, such as hacienda and harlequin folly red, a bright scarlet; the jewel tone of gala turquoise and gypsy coral, and the bluish confetti purple. The card also contains harmonizing "duotines."

War Reserves Bill Passed by House

—Continued from page 4

that many of the minerals essential to national defense can be produced in the United States if subsidized in this way. As a compromise, the house approved an amendment requiring the purchases to be made in accordance with the so-called "Buy American" act of 1933 and that a reasonable time be allowed for production and delivery from domestic sources. This act permits government purchasing agencies to give a preference of not more than 25 percent of the price to domestic products offered in competition with imported products.

The purchase program is to be conducted by the army and navy munitions board which will determine which items on the list of strategic and critical materials are to be acquired. Materials are to be held in reserve for emergencies, except that those liable to deterioration may be rotated. The bill also authorizes the Department of the Interior to investigate new methods of producing strategic minerals from domestic sources, and authorizes an annual appropriation of $500,000 for this purpose.

Baltimore Paint Club Votes Against License Bill

Baltimore, Apr. 25, 1939

The Baltimore Paint, Varnish and Lacquer Association has gone on record as opposing the proposed model painters' license bill, and has asked the national association to take similar action. The decision was voted at a meeting of the executive committee called for the specific purpose of joining the Better Business Bureau in a campaign to promote use of better grade paint materials rather than cheaper products.

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Chemical

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Cellulose ether-esters said to be particularly resistant to water, acids, and alkalies

Sodium Borate

(Bauracon, Biborate of Soda, Biborate de Soude, Borace, Borar, Boras Sodicus, Borate of Soda, Borate Sodique, Borate de Sodium, Borate de Soude, Borato Sodico, Borato di Sodio, Borato de Sosa, Borax, Borax Prismatique, Borax Purificatus, Borsaures Natrium, Borsaures Natron, Natrium Biboracicum, Natrium Biboricum, Natrium Boracicum, Natrium Pyroboricum, Natriumpyroborat, Purified Borax, Pyroborate of Soda, Sel de Perse, Sodae Biboras, Sodii Boras, Sodium Biborate, Sodium Pyroborate, Sodium Tetraborate, Soude Bore, Tetraborate of Soda, Tetraborate de Sodium.)

Abrasives

Etching agent for—
Abrasives, Corundum, Emery, Garnet, Quartz, Sand, Silica
Ingredient of—
Abrasive compositions

Adhesives

Preservative for—
Glues
Process material in making—
Adhesives for waxed paper
Fireproof adhesives
Solvent for—
Casein

Agriculture

Thinning agent for—
Bird-lime

Analysis

Reagent in—
Blowpipe analysis
Volumetric analysis

Aviation

Fireproofing agent in—
Airplane dopes
Airplane fabrics
Balloon fabrics

Building Construction

Acidproofing agent for—
Cement, Concrete
Bonding agent in—
Cement, Concrete
Hardening agent for—
Plaster of paris
Ingredient of—
High-grade, highly polishable cements
Hydraulic and other cements
Lutes
Magnesium cements
Marble substitutes
Mortars
Waterproofed cements
Oilproofing agent for—
Cement, Concrete
Setting retarder for—
Plaster of paris
Waterproofing agent for—
Cement, Concrete

Ceramic

As a flux
Ingredient of—
Enamels, Frits, Fluxes
Process material in glazing—
Brick, Chinaware, Porcelains, Potteries, Tile

Chemical

Contact agent in—
Chlorination of anthraquinone derivatives
Process material in making—
Acetaldehyde, Arsenic, Benzene, 2-Chloroethanol, Chlorhydrins, Filter-aid, Formates, Formic acid, Hypochlorous acid, Methyl borates, Nickel borate, Potassium salts from silicates, Salicylic aldehyde, Sodium silicate
Starting point in making—
Boric acid
Boric anhydride
Borates, such as those of aluminum, ammonia, copper, lead, magnesium, sodium
Boron, Boron carbide, Boron nitride, Boron trichloride

Cosmetic

Ingredient of—
Bath salts, Dentifrices, Hair Preparations, Lotions
Preservative in—
Creams and other preparations

Dental

Ingredient of—
Cements, Fillings

Disinfectant

Antiseptic, Germicide

Dry Cleaning

Reagent in—
Ink-removing, Spot-removing

Dye

Process material in making—
Dyestuffs, especially those of the anthracene series

Electrical

Ingredient of—
Arc-light electrodes
Condenser electrolytes
Electrical insulations
Electrolytes
Lightning-arrester electrolytes
Rectifier electrolytes

Explosives

Cooler and retardant in—
Safety explosives
Preservative in various explosives

Fire Fighting

Fireproofing agent for—
Excelsior substitutes
Fabrics
Lining safes
Ingredient of—
Chemical fire-extinguishers
Fireproofings

Food

As a general preservative
Ingredient of—
Baking compound
Shortening
Preservative for—
Bacon, Fish, Fruit, Gelatin, Hams

Fuel

As a fuel in admixture with peat
Impregnating agent in making—
Candle wicks

Glass

Batch ingredient in making—
Borosilicate glass
Chemical glassware
Colored glass
Electrical glassware
Electrochemical glassware
Food-cooking glassware
Industrial glassware
Lamp glass
Milk glass
Opaque glass
Optical glass
Ruby glass
Silk and rayon industrial glassware
Strass glass
Thermal glass
Thermometer glass
Translucent glass

Gums

Ingredient of—
Shellac solvents
Process material in making—
Substitutes for british gum
Purifying agent for various gums
Solvent for—
Gums, Shellac

Ink

Preservative in—
Printing inks

Insecticide

Ingredient of—
Ant repellant
Croton-bug repellant
Fly repellant
Insecticides
Roach repellant
Rodent repellant

Jewelry

Flux in—
Soldering
Ingredient of—
Anchoring cements in diamond polishing
Jewelers' solders

Laundry

Detergent in—
Wash waters
Washing operations for delicate products, such as laces and other materials sensitive to alkalies
Lustering agent in—
Starching
Softening agent for—
Rinsing waters
Wash waters

Leather

Ingredient of—
Leather varnishes
Preservative for—
Hides, Pelts, Skins
Process material in—
Tanning

Lubricant

Ingredient of various lubricants

Mechanical

Ingredient of—
Heat insulations

Metal Fabricating

Flux in—
Brazing operations
Enameling operations
Metal coating
Soldering operations
Welding operations
Ingredient of—
Brazing compounds
Fluxes
Soldering compounds
Welding compounds

Metallurgical

Case-hardening agent for—
Alloys
Chrome alloys
Iron
Manganese alloys
Molybdenum alloys
Ingredient of—
Electrolytes for etching of brass, copper, nickel, zinc
Tempering agents
Neutralizing agent in—
Pickling solutions
Process material in—
Enameling iron
Gold refining

Mining

Process material in making—
Flotation agent

Miscellaneous

Deodorant for various purposes
Detergent in—
Dish washing
Glass-cleaning compositions
Household laundering
Ingredient of—
Belt-dressing compositions
Binders of various kinds
Chewing gum compositions
Evaporation-preventing foams
Fillers of various kinds
Gasket compositions
Metal polishes
Shoe dressings
Shoe fillers
Shoe polishes
Soldering compounds
Soldering fluxes
Stencil compositions
Stiffening compositions
Waterproofing compositions
Waterproofing compositions for canvas
Preservative for—
Cork
Remover of—
Grease
Solvent for—
Casein
Gums in polishing compositions of various kinds
Shellac in making stiffening compositions for hats and millinery

(To be continued)

Paint, Varnish, Lacquer Materials

Raw Materials in Better Demand—Pigment Sales Slightly Better —Pale Rasak Chips Advanced—Rosin More Active—Values Of All Types of Paints Increase in March

Clear, warm weather in the early days of the period under review gave added impetus to the movement of stocks of raw paint materials last week. Pigments especially showed noteworthy improvements in sales volume and demands from consumers. Although chemical and earth colors are usually very quiet during the latter part of April every year, the market gained a slightly firmer tone. Varnish gums lost some ground they had gained two weeks ago. Ester gum continued in a stagnant position but improved business conditions were reported by sellers of stearates and palmitates.

Southern markets for rosin were more active last week despite a holiday on Wednesday. There was also a somewhat better inquiry for turpentine. Business here was generally on a rather small scale. Price changes were confined within narrow limits, the prevailing tone being steady or firm. Offerings in primary markets continued light although receipts have increased recently.

The value of paint, varnish, lacquer and fillers sold during March totaled $32,888,357 compared with a figure of $25,399,464 in February, and one of $30,728,890 in March, 1938. Sales during the first three months of the year totaled $83,453,863 compared with $75,469,991 in the first quarter of 1938. The sales of plastic, cold water paints and calcimines also showed gains in March compared with the figures for February. Comparative figures issued by the Bureau of Census will be found on another page of this issue.

Imports of aluminum paints into the Philippine Islands during 1938 were 19,000 gallons compared with 17,000 gallons during the previous year. Prices of aluminum paints for all grades have advanced about 12 percent above the 1936 figures.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Gum, copal, pale rasak chips, c.l., ¼c. per lb.
Rosin, gum, 5c. to 10c. per 280 lbs.

Reduced

Turpentine, gum, ¾c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.7	**131.7**	**131.7**	**130.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Pig lead and slab zinc were both in a better market position last week with sales and shipments holding well. A good inquiry was noted for lead, the week starting slowly but gathering momentum as it progressed. Some quarters expressed hope for a price rise but it was not forthcoming. Zinc sales were not very impressive, although an improvement over the previous week, but the volume of shipments continues good and the metal is finding its way into consumption at a fair rate.

Total lead production in the United States during March amounted to 40,799 tons compared with 39,336 tons in the preceding month. Domestic shipments in March amounted to 40,871 tons against 34,421 tons in February. Surplus stocks of lead declined 77 tons during March to 122,035 tons, the smallest change for a month in several years.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from April 22 to 28, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0475@.0480	$0.0460	14 10 0
Monday	.0475@.0480	.0460	14 6 3
Tuesday	.0475@.0480	.0460	14 7 6
Wednesday	.0475@.0480	.0460	14 11 3
Thursday	.0475@.0480	.0460	14 10 0
Friday	.0475@.0480	.0460	14 17 6

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from April 22 to 28, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0490	$0.0450	13 8 9
Monday	.0490	.0450	13 6 3
Tuesday	.0490	.0450	13 10 0
Wednesday	.0490	.0450	13 15 0
Thursday	.0490	.0450	13 13 9
Friday	.0490	.0450	13 15 0

Pigments

A small spurt in the volume of business for most pigments was witnessed last week probably as a result of clear, warm weather in the early days of the week. Zinc oxides continued the most active material in this division.

White Lead.—Demands were slightly better than had been reported for several previous weeks. Inquiries for future delivery also were more noticeable which gave promise of a firm market for the entire of this month at least. Prices continued without revision.

Red Lead.—The market regained the ground it had lost two weeks ago and the general undertone was reported firm. More material was being ordered out and producers believed the activity will continue throughout the month. The price was steady and unchanged at the quoted level.

Litharge.—Similar to red lead the market for this pigment gained ground last week. Demand for the commercial powdered material picked up noticeably and inquiries for future delivery also showed gains.

Titanium Pigments.—These materials had been one of the leaders in the division up until two weeks ago and last week the market gained strength. Demand and inquiries were both good while prices continued firm at the quoted level.

Lithopone.—The market was reported active although no increases in sales volume were registered. The price was firm.

Zinc Oxides.—The most active in the division, these materials consolidated their firm position last week with fractional increases in sales volume. No prices were changed.

Fillers and Extenders

Seasonal improvements noted for most raw paint materials were reflected in a small way in the shipments of filler and extender products to consumers. Larger buyers ordered out a bit more material while smaller buyers showed a more active interest in offerings.

Barytes.—Volume of sales for the domestic material fluctuated fractionally around the level reported for the preceding week. The price continued firm at the quoted level. Germany, the world's leading producer of barytes ore, furnishing around one-half of the total world output, suffered a decline in the exports of crude and refined barytes in 1938. Exports last year totaled 94,149 metric tons against 119,705 tons in 1937.

Mica.—The market was mostly routine with fractional gains in demand noted. The price continued steady and unchanged.

Blanc Fixe.—Suppliers continued to quote the price that had been in force for many previous months. Shipments showed no increase last week but inquiries for future delivery picked up. Germany exported 70,713 metric tons of blanc fixe during 1938 compared with 81,970 tons the preceding year.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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Varnish Gums

Following fractional gains two weeks ago, the market for all types of varnish gums slackened during the period under review. Although the market did not fall to the unsatisfactory position of a month ago, conditions surrounding it were quiet. One price was advanced.

Copals.—The car lot price of pale rasak chips was advanced ¼c. per pound to a price of 5⅞c. Prospective buyers were showing little interest in offerings and material was moving sluggishly.

Dammars.—Movement of stocks into consuming channels was lighter last week although the general undertone of the market was fairly firm.

Synthetic Resins

The ester gum market was dull and without any noteworthy features. Offerings in New York continued to be quoted at 6c. to 6¾c. per pound for car lots and 6½c. to 7c. per pound for smaller amounts. In the Midwest and middle South the car lot price continued firm at 6¾c. to 7c. per pound while materials was sold at 7c. to 7½c. per pound in other sections of the country. Reports from those areas, however, indicated a market as dull as the local one.

Dry Colors

More favorable weather conditions last week improved the market for both chemical and earth colors. On the whole the market was quiet, as was expected for this time of year when the finished paint mixtures are being offered to the consumers. Producers of the raw materials expect a pick-up in demand within the next month.

Carbon Black.—Sales of black to domestic users were still sluggish last week although the export trade felt an unexpected spurt in demand. Reports of increased rubber tire production this year have failed to effect the black market. The price continued as quoted.

Iron Oxides.—The demand for natural and synthetic oxides was holding well during the period under review. A good increase in business is looked for toward the middle and end of this month. All prices continued steady and unchanged.

Mercurie Oxide.—Buyers' interest in offerings continued healthy last week with a quoted price of $1.56 per pound for the domestic technical red material. This advanced price was established two weeks ago.

Sienna.—Open-order business was held to small-sized lots during the week although suppliers reported a slightly better tone in the market. The price continued steady and unchanged.

Green Chrome Oxide.—Trading picked up in a small way which gave hope for much better business within the month. Pricewise the market appeared firm.

Driers

The stearate and palmitate market gave evidence of increased trading in the near future. Inventories were fairly low and prospective buyers were showing a better interest in inquiries for future delivery. There had not been any calls for large amounts of material for several months but small shipments of stocks have kept the market for most materials on a fairly firm basis. No prices were changed during the period under review.

Naval Stores

Primary markets for naval stores remained closed on Wednesday last in observance of Confederate Memorial Day. On other days of the week, a steady or firm tone prevailed, price movements being within narrow limits. Although receipts have increased recently, offerings last week continued light as much of the rosin and turpentine arriving continued to be moved into storage under the government loan. A report was current to the effect that an announcement is expected from Washington in the near future of a change in the rules governing the operations of dealers under which they would be required to take a larger percentage of government holdings of the 1938 and 1939 production in making sales to consumers.

Domestic business in rosin last week was reported as more active. Not only was there an expansion in the movement into consuming channels on contracts previously placed, but an increase was also noted in the volume of new orders received from buyers in important consuming industries. The movement of turpentine in tankcars on contracts was also reported as somewhat larger although new business was described in some instances as rather disappointing, this apparently being due to less favorable weather in parts of the country for construction and painting. A fair export inquiry was noted for rosin.

According to a report forwarded by an American government representative at Stockholm, the United States supplies practically all of the rosin imported into Sweden, and also leads in the turpentine trade. Preliminary reports show that in 1938 Sweden imported 8,923 metric tons of rosin, against 10,564 metric tons in 1937, while turpentine imports were 1,561 metric tons and 1,221 metric tons respectively.

Turpentine.—There was apparently little change in the attitude of consumers and dealers last week, purchasing here generally being of the same small-lot variety noted in recent preceding weeks. The movement of such quantities, however, was fair. Price movements were narrow in company with the markets in the South where the tone was steady or firm.

SAVANNAH, April 28.—The turpentine market retained a firm tone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday...	...	...	...	...	.....
Monday.....	24½	80	79	135	36,616
Tuesday....	24¼	36	378	6	36,988
†Wednesday	...	...	...	...	.....
Thursday ...	24¼	113	222	201	37,009
Friday	24¼	80	724	3,676	34,057

* No trading. † Holiday.

JACKSONVILLE, April 28.—Turpentine was in fair demand. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday...	...	...	...	...	.....
Monday.....	24½	132	197	...	47,035
Tuesday....	24¼	...	191	419	46,576
†Wednesday	...	...	...	...	.....
Thursday ..	24¼	...	229	3	46,802
Friday	24¼	...	140	1,300	45,642

* No trading. † Holiday.

CHICAGO, April 28.—Turpentine business has been running along on a routine basis, with sellers hoping for a showing of improvement in market participation by buyers soon. Ruling prices at the close of business last night were:—Five-drum lots, 32c. per gallon; five-bbl. lots, 37c.; single drums, 35c.; single barrels, 40c.

PENSACOLA, April 22.—The turpentine market was quiet. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Monday	53	...	26,645
Tuesday	104	...	26,749
Wednesday	40	...	26,789
Thursday	62	...	26,851
Friday	76	...	26,927
Saturday	6	...	26,933

LONDON, April 28.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	35	0
Monday	35	0
Tuesday	35	0
Wednesday	35	0
Thursday	35	0
Friday	35	0

Stocks of American turpentine in London were:—

	April 28.	Previous week.	Last year.
Barrels	20,757	20,990	25,453

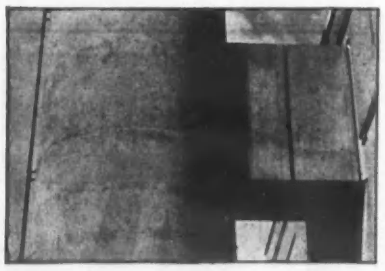
Rosin.—Business in the local market continued along rather narrow lines, consumers generally being disinclined to purchase ahead to any important extent. The tone here was steady or firm in company with primary centers where price movements were generally within small limits. An increase was

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Informative QUIZ for PAINT CHEMISTS

Q What paint provides unusually long-lasting protection for hot stacks, or for any hot metal surfaces — galvanized or black iron—indoors or out?

A Zinc Dust paint formulated with 80% "Standard" Zinc Dust and 20% "XX" Zinc Oxide in the proper vehicle. This paint is unusually adherent to galvanized iron because of a natural "zinc-to-zinc" affinity between the Zinc Dust and the zinc coating of the galvanized iron. On black iron under elevated temperatures the paint practically fuses to the surface—a reaction similar to "sherardizing" probably taking place. It is very durable on exposure outdoors . . . can be tinted to a wide range of attractive colors.



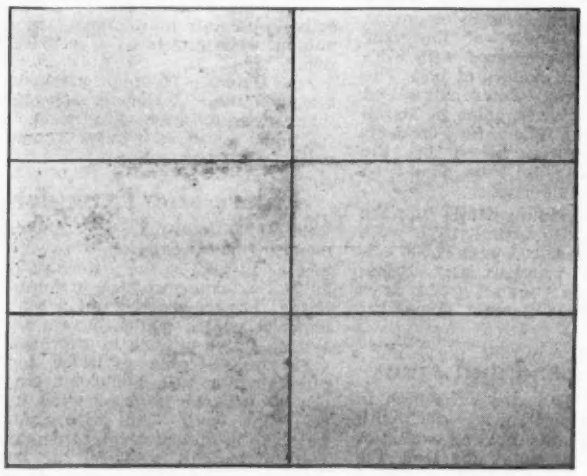
Painted with the 80-20 Zinc Dust-Zinc Oxide paint mentioned above, this steamplant flue box already has been serving outdoors under severe heat conditions for nearly 2 years. The excellent condition of this paint is a promise of further long service.

Q How can the non-yellowing property of an enamel be improved?

A Experience has shown that if either a Horse Head, Florence, or Kadox Brand Zinc Oxide is included in the pigment formulation, in ratios of from 5% up to the limit of the hiding power requirements of the enamel, "yellowing" is very substantially reduced.

Q How can the mildewing of interior mill glosses be retarded or eliminated?

A By including a Horse Head, Florence, or Kadox Brand Zinc Oxide in the formula. These Zinc Oxides tend to retard mildewing both because of their fungicidal properties and because they tend to harden the paint film sufficiently so that it resists the attack of mildew.



Panels at far left illustrate how enamels containing no Zinc Oxide and made up in a mill gloss vehicle mildew on exposure to high temperature and high humidity. Panels at near left are the same paints to which substantial proportions of XX-50 Zinc Oxide have been added. Note the reduction or elimination of mildewing by the inclusion of Zinc Oxide in the formulation.

All of the paint formulation questions which The New Jersey Zinc Company's complete line of Zinc Pigments has answered would fill volumes—and new ones are constantly being answered. Whether the answers to your problems are already "in the books" or not, we will welcome an opportunity to collaborate with you—our facilities are always at your disposal.

THE NEW JERSEY ZINC COMPANY
160 FRONT ST. NEW YORK

reported in domestic business in Southern markets.

SAVANNAH, April 28.—Changes in rosin quotations were generally narrow. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	†Wed.	Thurs.	Fri.
B	...	$3.25	$3.25	...	$3.25	$3.25
D	...	3.55	3.55	...	3.55	3.55
E	...	3.80	3.80	...	3.80	3.80
F	...	4.10	4.10	...	4.10	4.10
G	...	4.75	4.80	...	4.80	4.80
H	...	4.90	4.95	...	5.00	5.00
I	...	4.95	4.95	...	5.00	5.00
K	...	4.95	4.95	...	5.00	5.00
M	...	4.95	4.95	...	5.05	5.10
N	...	5.35	5.35	...	5.35	5.35
WG	...	5.90	5.90	...	5.85	5.85
WW	...	6.40	6.40	...	6.40	6.40
X	...	6.40	6.40	...	6.40	6.40
	Barrels					
Sales	...	276	86	...	365	100
Receipts	...	1,191	1,338	...	1,001	1,098
Shipments	...	1,238	419	...	927	5,893
Stocks:—						
	...	285,388	286,307	...	286,381	281,586

* No trading. † Holiday.

JACKSONVILLE, April 28.—The rosin market had a firm tone. Offerings were light. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	†Wed.	Thurs.	Fri.
B	...	$3.20	$3.20	...	$3.20	$3.20
D	...	3.50	3.50	...	3.50	3.50
E	...	3.80	3.80	...	3.80	3.80
F	...	4.10	4.10	...	4.10	4.10
G	...	4.75	4.75	...	4.75	4.80
H	...	4.90	4.90	...	4.90	5.00
I	...	4.90	4.95	...	4.95	5.00
K	...	4.90	4.95	...	5.00	5.00
M	...	4.95	4.95	...	5.00	5.10
N	...	5.25	5.25	...	5.35	5.35
WG	...	5.90	5.90	...	5.90	5.85
WW	...	6.50	6.50	...	6.50	6.50
X	...	6.50	6.50	...	6.50	6.50
	Barrels					
Sales	...	...	47	...	57	172
Receipts	...	1,581	899	...	1,848	606
Shipments	...	10	628	...	345	3,881
Stocks:—						
	...	270,700	270,971	...	272,474	269,699

* No trading. † Holiday.

PENSACOLA, April 22.—The rosin market was quiet and steady. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	202	326	142	127	124	37
Shipments	80	110	...	...	700	...
Stocks	64,731	64,947	65,089	65,216	64,640	64,677

CHICAGO, April 28.—Buyers of rosin have not been overly anxious to come in for anything more than modest volume. They seem to be waiting for clarification of the situation. Ruling prices at the close of business last night were:—B grade, $6.25 per lot of 280 pounds; G grade, $7.70; M grade, $7.90; W.W. grade, $9.35.

LONDON, April 28. — Quotations on American rosin were as follows:—

	Per cwt in barrels			
	Common.		W.W.	
	s.	d.	s.	d.
Saturday	14	10½	19	3
Monday	14	10½	19	3
Tuesday	14	10½	19	3
Wednesday	14	10½	19	3
Thursday	14	10½	19	3
Friday	14	10½	19	3

Pine Oil.—The market was quiet so far as new business was concerned though consumption appeared to be holding up well. The market was steady.

Pitch.—Quotations were generally held at former levels, with the tone of the market apparently firm. There was a fair movement of moderate quantities.

Rosin Oil.—A steady tone continued to prevail here in the absence of any material change in the primary position of basic material. Business continued along conservative lines.

Tar.—Business lacked snap but there was a fair movement to local and other consumers on contracts previously placed.

Shellac

The London shellac market eased moderately during the past week but Calcutta quotations developed along well stabilized lines and held free from change during the greater part of the trading period under review. Local agents of the Calcutta shippers usually reported only a moderate interest being displayed by domestic importers and manufacturing consumers. Demand for shellac in all forms was rather quiet locally. Consumers' requirements appeared to be well covered by present committments and hence new business of important size was inconsiderable. Prices for the most part were reasonably steady and free from much fluctuation.

Calcutta, April 28.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	Per pound	
	April 28.	April 21.
April	9¼c.	9¼c.

Day-to-day prices were as follows:—

	Per pound.
April 21	9¼c.
*April 22	...
April 24	9¼c.
April 25	9¼c.
April 26	9¼c.
April 27	9¼c.
April 28	9¼c.

* No cables.

London, April 28. — Prices quoted on London standard T.N. shellac, basis of sterling exchange at $4.88, were as follows:—

	April 28		April 21	
	Shillings. Cwt.	Cents. lb.	Shillings. Cwt.	Cents. lb.
May	34½	7.52	36¼	7.90
August	36½	7.95	38¼	8.39

Day-to-day closing prices were as follows:—

	Per hundredweight			
	May.		August.	
April 21	36s	3d	38s	3d
*April 22	...	..	...	..
April 24	35s	9d	37s	9d
April 25	34s	9d	36s	9d
April 26	35s	..	37s	..
April 27	34s	9d	36s	9d
April 28	34s	6d	36s	6d

* No cables.

Lacquer Materials

Volume of business in the market for lacquer materials and solvents continued moderate last week. While transactions were leveling off slightly from the higher levels of the preceding month, contract and spot wthdrawals were regarded as favorable compared to the same period a year ago. Price developments were again lacking, and a generally steady price tone was reported. Motor vehicle sales in the United States for the first quarter totaled 748,935 units, an increase of almost 40 percent over the sales in the first quarter of last year, according to the Automobile Manufacturers Association. Current production continued to hold steady, although indications pointed to the Spring peak being near at hand.

Acetone.—Shipments continue to move steadily into consuming channels. Export business was also reported at favorable levels. Quotations for the drum and tanks were unaltered.

Butyl Acetate. — Consumers made their appearance for moderate commitments throughout the past week. While no particular broadening in the demand was evident, interest was fairly steady. Prices for the normal and secondary grades were without change.

Cellulose Acetate. — Quotations continued to remain unchanged, while volume of business was moderately active in most directions.

Dibutyl Phthalate.—A steady to firm price tone predominated in the market last week. Sellers could point to a satisfactory interest in the market for nearby requirements.

Isopropyl Acetate.—Shipments were moving at a favorable pace in the spot market, and consumers were making routine withdrawals against contracts. Pricewise no new developments took place.

Methyl Acetate.—Trading in the market was about routine during the past week, and the market lacked any changes as far as prices were concerned.

Glues and Binders

Casein. — The market showed no changes from the preceding week and all prices continued at the quoted levels.

Glues.—The market continued unchanged from the previous week. All prices remained firm. The value of imports of bone glue into Belgium in 1938 decreased to 6,032,000 francs compared with 7,075,000 francs the preceding year. Exports of bone glue from that country decreased sharply to 19,383,000 francs from 47,462,000 francs in 1937. The glue industry is reported to have produced approximately 3,500 tons of glue during 1938 with the average Belgium consumption fixed at 2,900 tons.

Trade Briefs

Paraffine Companies, Inc., San Francisco, has elected to its directorate Richard Hilliard, R. W. Miller and S. H. Palmer.

Great Lakes Carbon Corporation has filed articles of incorporation under the laws of Delaware with capital for taxation of $2,000,000.

Franklin Paint & Glass Company, 401 West Franklin street, Baltimore, has been formed with a capital of 500 shares of $10 par value each.

Steven R. Kiehel, formerly affiliated with the Billings-Chapin Company, Cleveland, has formed the Citrox Laboratories, Chesterland, Ohio, for the manufacture and distribution of "Citrox," a salve for use for paint dermatitis.

Washington Paint Salesmen's Club was addressed April 21 by H. A. Gardner, director of the scientific section of the National Paint, Varnish and Lacquer Association, and Ralph W. Emerson, executive secretary of the National Clean Up & Paint Up Campaign Bureau.

Important IMPROVEMENTS

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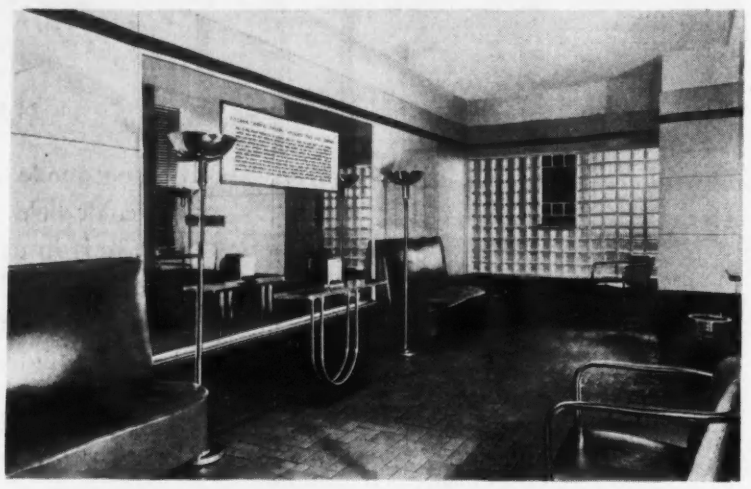
Pittsburgh Plate Glass Uses Own Products In Columbia Alkali Office Building Lobby

A portion of the new reception room in the recently completed office building in the Barberton plant of the Columbia Chemical Division of the Pittsburgh Plate Glass Company is shown herewith. Liberal use was made of Pittsburgh products in the construction and decorative motif of this ultra-modern lobby. The walls are covered with gray carrara glass, trimmed in maroon carrara glass. This glass is manufactured by the Pittsburgh Plate Glass Company. The ceiling is painted with Pittsburgh Plate wallhide interior paint. The glass blocks are those produced by the Pittsburgh Corning Company.

Facing the visitor as he enters through the front door, is a large mirror on the opposite wall. Etched on a separate piece of glass which is placed against the large mirror, is an inscription, pictured herewith, which in tabloid form tells of the growth and purpose of the Columbia division. The floor is of tile and harmonizes well with the rest of the modern design. Furniture is of red leather with chrome trimming.



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HERE IN 1900 BEGAN PRODUCTION OF COLUMBIA SODA ASH. QUICKLY THE PLANT GREW. IN 1901 COLUMBIA CAUSTIC SODA WAS FIRST PRODUCED. IMPORTANT BY-PRODUCTS FURTHER CONTRIBUTED TO RAPID GROWTH. IN 1936 CAME THE FIRST PRODUCTION OF COLUMBIA LIQUID CHLORINE. THE SAME YEAR SAW THE DEVELOPMENT OF COLUMBIA SODIUM BICARBONATE. OTHER ALKALI AND CHEMICAL PRODUCTS ARE SUPPLEMENTING THIS LINE AS FAST AS MAN'S INVENTIVE GENIUS DISCOVERS BETTER WAYS TO FILL MAN'S EVER-INCREASING NEEDS. • OUR PART IS HUMBLE; OUR PRODUCTS UNROMANTIC. BUT IN THE MAKING AND PROCESSING OF MANY OF THE OLDEST, MOST USEFUL, MOST NECESSARY COMMODITIES ON EARTH THEY PLAY A VITAL PART. UPON THE QUALITY OF OUR OUTPUT DEPENDS THE QUALITY OF INNUMERABLE PRODUCTIONS. GLASS IS CLEARER; PAPER IS WHITER; TEXTILE FIBRES ARE FINER; EVEN THE BREAD WE EAT AND THE WATER WE DRINK ARE PURER, BECAUSE OF THE WAY WE DO OUR PART. SO, ACCEPTING THIS RESPONSIBILITY, WE SERVE THE NEEDS OF INDUSTRY WITH FAITHFULNESS AND ZEAL, VIGILANTLY MAINTAINING EXACTING STANDARDS WHICH PERMIT NO COMPROMISE WITH QUALITY, — AND NEVER WILL.

Somers Color Co. Appoints Groschan Promotion Manager

F. C. Groschan has been appointed sales promotion manager of the Somers Color and Pigment Company, this city, Mr. Groschan will concentrate on sales of new leafed pigments including chrome lead, chromium and chrome copper.

Housing Act Extension Voted by Senate

OPD Washington Bureau
April 27, 1939

The senate today passed a bill to continue for another two years title I of the federal housing act guaranteeing bank loans for property modernization and improvement and making a number of other changes in the FHA law.

A somewhat similar measure was passed by the house and it now goes to conference.

Putty Trade Rules Hearing Concentrated on Labeling

OPD Washington Bureau
April 28, 1939

Representatives of the putty manufacturing industry today appeared at a Federal Trade Commission hearing on proposed trade practice rules. No objections to the tentative rules were made, but questions as to the interpretation of several of them led to the suggestion that the labeling rules be clarified and made more definite. The committee took this under advisement.

Lacquer Pigmenting By Heat Patented

United States Patent No. 2,150,096, issued March 7, to the Commercial Solvents Corporation, Terre Haute, Ind., reveals a new lacquer technic based on the fact that, by a novel method of formulation and application, worked out in Commercial Solvents laboratories, it is possible to apply at elevated temperatures, 150° to 160° F. for example, a lacquer containing much larger proportions of solid ingredients than have heretofore been usual. The flow and other characteristics of lacquer so formulated and applied are said to be equal to those of lacquers applied in the usual way, and blushing troubles are said to be reduced to a minimum by the new system.

Although these high-solids lacquers require new and different methods of formulation, they do not require any unusual ingredients, the company says. In these, as in the older, conventional types, highest solids content and optimum flow (smoothness) are obtained with butyl acetate and butanol, solvents commonly used by the lacquer industry.

The company expects that this new technic will have a profound influence on lacquer formulation and on finishing practices in general. By the patented method, it says, the solids content of a lacquer can be increased by 50 percent or more and these high-solids lacquers can be applied in thicker liquid coats than usual, therefore the number of coats required to give any desired thickness of film may be readily reduced by as much as one-half. In other words, the equivalent of four coats of lacquer applied by the conventional method can be sprayed on in two coats when the new method is used. Furthermore, very attractive one-coat finishes are also obtained by the new system, the company says.

With the patented process, the company says, it is now possible to apply a coating material having the high-solids content of the so-called "synthetic resin" finishes without the necessity for the expensive air-conditioning and baking equipment which this latter type of finish usually requires. Because of its convenience and the marked saving which it effects, the company adds, this new system of lacquer formulation and application should extend to many new fields of industrial finishing the well-known advantages of lacquer, namely, rapid drying and hardening, easy sanding and patching, and brilliance and clarity of colors.

The formulation of these high-solids lacquers and their application at well above ordinary room temperatures are being studied intensively and large-scale tests are reported to have definitely proved the feasibility of the system. This development is expected to engage the interest of every lacquer manufacturer and user because of the economies indicated and the adaptability of both product and process of application to many new uses.

Thomas Alabama Kaolin Company has been chartered under Maryland law to engage in the mining of china clay with an office at 2412 Ken Oak Road, Baltimore, and an authorized capital of 1,000 shares of no par value. The incorporators of record are Marion W. Thomas, J. Frank Thomas and Wesley W. Thomas.

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Oils, Fats, and Waxes

Chinawood Oil More Active at a Further Advance—Oiticica Also Stronger—Switching from May Cottonseed Oil to Later Positions—Fish Oils Firm—General Market Quiet

Quiet conditions continued to prevail in the market for miscellaneous oils, fats and greases last week. Lard and cottonseed oil futures had a firmer tone but movements in these commodities were not sufficiently marked to cause any change in the attitude of consumers of other products, especially as reports concerning European political affairs were still of a depressing kind. Offerings of many oils and fats were light, however, and the general list had a steady tone.

Chinawood oil was again a firm feature of the list of vegetable products, the trend of prices still being upward abroad and here, with increased activity in domestic markets. Oiticica oil was stronger, influenced by developments in chinawood. Cocoanut oil was steady though quiet. Cash lard was irregular here, changes in prices generally being rather narrow in the absence of sharp variations in futures in Chicago where speculative operations were on a smaller scale than recently. Quotations on animals oils were generally stationary. Refined fish oils were firm although prices were without quotable change. Tallow offerings were light and the market remained steady.

The Oklahoma Farm Chemurgic Council is distributing seeds for more than 100 test plantings of perilla, chia, sesame, and Brazilian castor beans. Plantings will be made throughout the entire State in order to determine the possibility of growing these crops in Oklahoma.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Beeswax, African, crude, yellow, ½c. per lb.
Brazilian, 1½c. per lb.
Chinawood oil, ¾c. per lb.
Copra, 1/20c. per lb.
Lard, 25c. to 30c. per 100 lbs.
Oiticica oil, ½c. per lb.

Reduced

Linseed meal, 50c. per ton.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
98.7	98.6	98.9	110.8

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood.—Continued strength abroad was again reflected in domestic markets, the trend of prices being upward here and on the Pacific Coast, with an increase reported in transactions. Not only was the Hongkong market stronger, but offerings from that point continued to be reported as extremely light throughout the week. In such circumstances importers here were not inclined to offer very freely for prompt or later delivery. In some quarters an increase was reported in the volume of inquiries from consumers regarding future deliveries. According to some reports, the volume of business closed for the week in all positions was considerably larger than in recent preceding periods. Late in the week quotations were more or less nominal, with around 16.4c. to 16.5c. per pound rather generally named for spot oil in tankcars.

SAN FRANCISCO, April 25.—Chinawood oil stronger. A moderate demand ruled, with the values slightly enhanced over the previous week. Quoted on the basis of 15½c. per pound in tankcars, f.o.b. Pacific Coast ports, for nearby or future delivery.

Coconut.—The market for crude oil retained a steady tone. Business continued quiet. Occasional injuiries were noted, but actual purchases were apparently limited to small lots, the movement of such quantities being unimportant. Advices from the Coast reported a firm though quiet market. Refined oil was in fair demand here and steady.

SAN FRANCISCO, April 25.—Crude coconut oil is quoted here on the basis of 2¾c. to 2⅞c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills, with recent sales consummated on the basis of 2¾c. Copra firmer. Offerings remained light. Europe was said to be in the Manila market. Quotations are named in San Francisco on an average basis at 1.85c. per pound, c.i.f. Pacific Coast ports. Buying during the week was moderate in nature.

Corn.—Quotations on crude oil underwent little change during the week in the absence of important variations in prices for competing product. The tone of the market appeared to be steady, however, as offerings continued light. There was a fair inquiry for crude and refined oil.

Cottonseed.—Demand for edible oil was somewhat better, but aside from this the situation lacked new features. Quotations were maintained at former levels by refiners. Imported oil continued nominal in the absence of any increase in offerings.

Oiticica.—A firm tone continued to feature the local situation as the trend of chinawood oil was upward at times. Offerings continued to be reported as light. There was a much more active inquiry, and prices were advanced ½c. to ¾c.

Olive.—The market retained a firm tone. A fair demand was noted for foots and denatured oil. According to statistics forwarded by the American consulate at Palermo, 10,518,050 quintals of olives were harvested in Italy in 1938 against 17,002,050 quintals in 1937; production of oil for 1938 was put at 1,763,000 metric quintals.

Peanut.—Crude was generally quiet and steady in Southern markets, with offerings still light. The peanut crop in India is officially estimated at 3,031,000 tons of nuts in shell for 1938-39 against 3,501,000 tons in the previous season.

Perilla.—A steady tone continued to prevail on spot. There was a fair inquiry for moderate quantities, and offerings were generally light.

Rapeseed.—The market was quiet and steady. Shipments of seed from India to the United Kingdom and the Continent from January 1 to April 12 were only 400 tons against 11,000 tons in the same time last year.

Markets at Other Centers

San Francisco, April 25.—The vegetable oil market here is in good tone all the way through, although it is tempered somewhat by the fact that buying is lacking in any volume.

BABASSU.—Steady, with sellers quoting 5¾c. per pound in tankcars, f.o.b. mill, Pacific Coast.

COTTONSEED.—Domestic bleachable oil is quoted at 7c. per pound in tankcars, f.o.b. Pacific Coast mills. Foreign oil not being worked.

OITICICA.—Raw liquid oil, laboratory-controlled, uniform quality, standard specification, quoted on the basis of 11½c. per pound in drums, f.o.b. San Francisco for prompt or future shipment from Brazil. Other grades quoted at 9½c. Solid oil quoted down to 8½c.

PERILLA.—Crude oil quoted at 8.8c. per pound in tankcars, prompt or deferred shipment, f.o.b. San Francisco.

RICE BRAN.—Semi-refined oil, duty paid, is quoted at 6c. per pound, nominally, in tankcars, for prompt shipment from Japan, f.o.b. San Francisco.

TEASEED.—Nominal. Quoted last for shipment from China at 8c. per pound in tankcars, f.o.b. San Francisco.

Chicago, April 28.—Most grades of vegetable oils are holding steady to firm. Buying is mostly in limited lots for prompt shipment.

COCONUT.—Coast basis, crude, April-forward, 2¾c. to 3c. per pound. Refined, edible oil, 8¼c. to 8½c. per pound, barrels, car lots; and 8¾c. to 9c., barrels, less than car lots.

CORN.—Crude, low acid, 5⅞c. to 6c. per pound, partly nominal. Refined, edible oil, 8¾c. to 9c. per pound, barrels, car lots; and 9¼c. to 9½c., barrels, less than car lots.

PEANUT.—Crude, 5⅝c. to 5¾c. per pound, partly nominal.

SOYBEAN.—Crude, mills, April-forward, 4¾c. to 4⅞c. per pound.

The market for soybeans on the Chicago Board of Trade was quiet and rather featureless. Traders were disposed to curtail operations pending further developments in the markets for other commodities. The cash inquiry was also light. Changes in prices were generally moderate. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Apr. 28.	Closing Apr. 21.
May	$0.88⅛	$0.87⅛	$0.88⅛	$0.88¼
July	.87	.86	.87	.86⅛

London, April 17.—Soybean oil, crude, 24s. 3d. per cwt.; rapeseed, refined, 31s. 9d.; palm kernel, refined, English, 24s. 9d.;

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

For Every Specification
Processed
Refined
Blown
Cooked
Sulphonated
VEGETABLE and FISH OILS
Perilla Oil
Soya Bean Oil
Sardine Oil
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available in either cake or flake form
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(OLEIC ACID)
RUBY OLEINE BRAND {distilled}
STAR BRAND {saponified}
CANARY BRAND
(very pale yellow, especially suitable for best types of dry cleaners' soaps.)
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WAH CHANG TRADING CORPORATION
SPOT Woolworth Building New York, N. Y. FUTURE

VEGETABLE OILS
SESAME—Refined PEANUT—Refined CORN—Refined
TEASEED—Refined SOYA—Crude and Refined OLIVE OILS—Light and Heavy
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peanut, Bombay, 20s. 3d.; sardine, Japanese, 20s. 6d.; whale, crude, Rotterdam, 15s. 3d.

Linseed Oil

Changes in flaxseed quotations were generally moderate. Linseed oil and cake steady; meal easier.

Flaxseed—DULUTH, April 28.—Demand for flaxseed for seeding has ceased as seeding in the Northwest should be completed within three weeks. Such meagre offerings as cropped out in the sessions here this week were taken by commercial interests at 2c. to 8c. over Minneapolis May. Stocks in store here are down to 2,000 bushels. Authorities here assert that the intended flax acreage this year is much larger than for many years, and should wheat sowing be delayed much longer farmers will be inclined to increase the flax planting.

The week's closing price range was as follows:—

	Cash.	May.
Saturday	$1.82	$1.74
Monday	1.81½	1.73½
Tuesday	1.81	1.73
Wednesday	1.80	1.72
Thursday	1.79	1.72
Friday	1.78	1.70

Crop movement in bushels follows:—

	Receipts— 1939.	1938.	Shipments— 1939.	1938.
This week	.....	.....	.....	.....
Since Aug. 1	1,361,276	1,064,284	1,394,800	1,143,848

MINNEAPOLIS, April 28.—Because of the virtual cessation of seed house buying of local cash flax offers the situation has changed a little, but crushers very willingly absorbed the small day to day arrivals of the week at firm prices compared with their previous bids. Receipts were light and are expected to continue so until holders of flax have cared for seed requirements of this spring. Crushers are more than anxious to buy supplies so as to be able to operate as long as is possible, but do not expect to get much flax.

Movement from the country is just a little better than it has been as there is some line on what seed requirements will be.

Elevator stocks decreased 20,000 bushels last week and private stocks were further reduced. Delivery day for May contracts is close at hand and fairly liberal tenders are expected because of the supply of poor quality on hand that has been carried for sometime past.

The seeding situation is much more favorable. Several days of real spring weather were followed by fresh precipitation and because of the fact that frost was well removed during the warm spell the ground was more susceptible to moisture absorption.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$1.89	$1.74	$1.74
Monday	1.88½	1.73½	1.73½
Tuesday	1.88	1.73	1.73
Wednesday	1.87	1.72	1.72
Thursday	1.86	1.71	1.71½
Friday	1.85	1.70	1.70½

Crop movement in bushels follows:—

	Receipts— 1939.	1938.	Shipments— 1939.	1938.
This week	16,800	20,400	13,200	5,600
Since Sept. 1	3,000,270	3,410,620	508,359	752,732

WINNIPEG, April 28.—The market for flaxseed futures remained quiet. The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$1.52⅝	$1.52⅝	$1.51⅞
Monday	1.52⅝	1.52⅝	1.52⅛
Tuesday	1.52⅜	1.53⅛	1.53⅝
Wednesday	1.53⅜	1.54	1.53⅛
Thursday	1.54⅛	1.55	1.54⅝
Friday	1.55⅛	1.56	1.55⅝

BUENOS AIRES, April 28.—Opening prices per bushel on May contracts were:—

	Last week.	Last year.
Saturday	$1.12	$1.27¼
Monday	1.12	1.27¼
Tuesday	1.11⅜	1.26¼
Wednesday	1.11¼	1.26⅜
Thursday	1.12⅜	1.26⅜
Friday	1.12⅜	1.26⅜

Exports

To—	Bushels— Last week.	Previous week.	Last year.
United States	39,000	319,000	.....
United Kingdom	4,000	.....	480,000
Continent	362,000	579,000	.....
Orders	47,000	.....	390,000
Others	*75,000	264,000	.....
Totals	527,000	1,162,000	870,000

* Canada.

Since January 1

To—	Bushels— This year.	Last year.
United States	6,849,000	4,699,000
United Kingdom	536,000	1,046,000
Continent	10,924,000	9,353,000
Orders	5,559,000	5,366,000
Others	1,539,000	860,000
Totals	25,407,000	21,324,000

Visible Supply

	Bushels.
Last week	7,480,000
Previous week	7,874,000
Last year	6,693,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels— Last week.	Previous week.	Last year.
United Kingdom	48,000	264,000	652,000
Continent	.....	32,000	.....
Others	*12,000	.....	20,000
Totals	60,000	296,000	672,000

* Australia and Japan.

Since April 1—	Bushels— This year.	Last year.
United Kingdom	796,000	1,164,000
Continent	44,000	40,000
Others	20,000	20,000
Totals	860,000	1,164,000

HULL, April 28.—Quotations on flaxseed were:—

	Per ton— La Plata.	Bombay.
Saturday	£11¼	£12¾
Monday	11⅛	12⅝
Tuesday	11⅛	12⅝
Wednesday	11⅛	12⅝
Thursday	11¼	12⅝
Friday	11¼	12⅝

Linseed Oil.—A steady tone continued to prevail in the local market for linseed oil in the absence of any material change in flaxseed prices. Quotations on oil ranged from 8.2c. to 8.4c. per pound in tankcars, the usual differential prevailing for oil in cooperage. So far as new business was concerned, the market was rather quiet much of the time, though late in the week a rather better inquiry was noted in some cases. Withdrawals on contracts showed an expansion here, and reports of a similar character were received from outside points.

Receipts of seed in the Northwest continued light. Demand from seed houses fell off, but the limited offerings were readily absorbed by crushers, and cash premiums over futures remained high. Weather conditions were generally favorable, temperatures being higher with additional moisture in some sections. Indications continued to point to a substantial increase in the acreage.

Shipments of seed from Argentina last week were comparatively light, the total for all destinations being only 527,000 bushels. Receipts of seed at New York last week were 266,560 bushels.

MINNEAPOLIS, April 28.—Linseed oil business was slow most of the time but toward the end of the week the volume picked up on account of rising temperatures and the weekend forecast. Small lot business is more susceptible to weather influence than large lot trade and for the week, the latter was pretty poor. Stocks of oil on hand are declining steadily bebause good shipping instructions and light operations.

Quotations on carload lots f.o.b. Minneapolis, tankcar lots, 8.7c. per pound, cooperage car lots 9.3c. per pound, warehouse lots 9.7c. per pound.

Shipments of oil in pounds were as follows:—

	1939.	1938.
This week	1,560,000	1,580,544
Since Sept. 1	47,648,953	40,405,095

SAN FRANCISCO, April 25.—Linseed oil buying is still hand-to-mouth. Sellers are not in a strong position and competition is causing serious inroads on the posted tankcar prices. Quoted:—Tankcars, 8.7c. per pound; drum lots ex mill, 9.2c.; drum lots ex warehouse, 9.7c.

CHICAGO, April 28.—Orders for linseed oil have been along conservative lines. Ruling prices are:—Tankcar, 8.6c. per pound; car lots, 9.2c.; less than car lots, 9.6c.

LONDON, April 28.—Quotations on linseed oil were:—

	Per cwt.— s.	d.
Saturday	23	9
Monday	23	9
Tuesday	23	7½
Wednesday	23	9
Thursday	23	10½
Friday	23	10½

Cake and Meal—Meal was easier, quotations being shaded 50c. per ton. Cake was steady. There was a fair inquiry, though actual transactions were limited to comparatively small or moderate quantities.

MINNEAPOLIS, April 28.—The meal market is a routine affair and very narrow. No reserves of consequence exist in local warehouses and fresh output is readily disposed of at firm prices. Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, $38.50 to $39 per ton.

Shipments of meal in pounds were as follows:—

	1939.	1938.
This week	2,520,000	1,269,450
Since Sept. 1	67,802,225	104,204,096

CHICAGO, April 28.—Recent easiness in linseed meal has been checked by less favorable weather, and buying has appeared in sufficient volume to impart a fairly good tone. Ruling prices are:—Round lots, $31 per ton, largely nominal; car lots, $38 to $39; less than car lots, $40 to $40.50.

Cottonseed Oil

Refined cottonseed oil futures moved within narrow limits. Crude oil and other cottonseed products generally quiet and steady in Southern markets.

Cottonseed Oil.—Switching from May to later positions was a feature of a cottonseed oil market that in other respects was a rather featureless affair, uncertainty as to the outcome of the political situation abroad and the lack of decisive developments in the markets for other speculative commodities making the rank and file of traders disposed to hold aloof from the cottonseed oil market so far as new ventures were concerned. The switching from May to distant deliveries, however, was on a rather large scale at times, the switching to July being at 20 points difference, to September at 30 to 35 points, to October at 37 points and to December at 34 to 39 points. September was switched to December at 4 points difference.

Price changes were narrow and devoid of any particular significance. With lard in upward trend at times, offerings of cottonseed oil contracts were generally light. Commission houses were on both sides of the market in a limited way. There was some buying attributed to trade interests. Domestic business in lard and lard compound was reported as fair. There were reports at times of a somewhat better inquiry for cash refined cottonseed oil. The export movement of lard was smaller than in recent preceding weeks. Shipments of lard from Atlantic and Gulf ports to all foreign destinations for the season to April 22, however, were about 8,000,000 pounds larger than in the previous season, the total for the current year being 91,887,647 pounds.

Marketing of hogs at some points showed an increase, though the movement was not heavy. Arrivals in the principal Western centers for four days of the week aggregated 212,500 head against 176,100 head in the previous week and 179,000 head in the same time last year. The weight of the hogs received in Chicago during the week ended April 22 averaged 259 pounds against 258 pounds in the previous week and 250 pounds in the same week last year. Vegetable oils which compete with cottonseed oil were generally steady or firm. Imported cottonseed oil was nominal in the absence of any increase in offerings. Cuts in the cotton acreage were reported in Egypt and India, the reduction being attributed to the unsatisfactory prices prevailing.

Reports concerning the progress of the cotton crop in this country were somewhat better though unfavorable accounts were not lacking. According to the weekly government report planting in the Eastern belt made fair to good advance rather generally and chopping has begun in Southern Georgia and South Carolina. In the lower Mississippi valley progress of the crop already planted was poor to fair. In Texas progress was generally poor, the weather being too cool for good growth.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from April 22 to April 28, inclusive, comprised 1,228 contracts, a total of 73,680,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
May	6.72	6.53	6.71@6.73
July	6.95	6.76	6.94@6.95
September	7.09	6.85	7.08 sale
October	7.09	6.90	7.08@7.09
December	7.11	6.90	7.09 sale

Crude, Southeast, 5.62½c. Nom.

Chcago, April 28.—A slightly easier tone is reported in the cottonseed oil market. There has been a tendency of sellers to push somewhat more readily for sales, and buyers have not been impressed by the outlook sufficiently to enlarge their takings except at concessions, it appears. Good, off-Summer, yellow fig oil is 6⅞c. to 7c. per pound. Refined, edible oil is 8½c. to 8¾c. per pound, barrels, car lots; and 9c. to 9¼c., barrels, less than car lots.

Cottonseed Hulls Have Chemical Possibilities

Furfural, an organic compound used in making deodorants, disinfectants, paint removers, and preservatives, and xylose, a rare, nonfermentable wood sugar, may be produced commercially in large quantities in the near future from cottonseed hulls, according to a report to the Engineering Foundation, which is sponsoring research in cottonseed processing.

At present, cottonseed hulls are used principally as roughage feed for cattle, the report states. Laboratory methods have been worked out for the commercial recovery of xylose from cottonseed hulls by the National Bureau of Standards, and some work is in progress at the University of Tennessee toward the development of a practical method, and suitable machinery, for the recovery of furfural from the same source.

Hulls have little feed value and must undersell grass hay to find a consuming outlet. They are frequently burned by the mills where other fuels are relatively expensive. The heat value of a ton of cottonseed hulls is approximately 6,000 B.T.U., compared with 2,000 B.T.U. for a pound of coal.

The cottonseed hull is a lignin cellulose structure, but it contains about 45 percent of hemicellulose, the material from which both furfural and xylose are derived, and is, therefore, a probable substitute for cornstalks, corncobs, maize, woodtar, and sugar from which furfural is processed.

Other uses for cottonseed hulls are found in making fertilizers, packing, household utensils, potash, acetone, and explosives. They are also used in the same manner as linters in manufacturing cellulose, and in the production of pressed paper products, such as boxes, cups, and decorations.

Hull, April 28.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	19	6	17	0
Monday	19	6	17	0
Tuesday	16	6	17	0
Wednesday	19	6	17	0
Thursday	19	6	17	0
Friday	19	6	17	0

Cake and Meal.—Quotations underwent little change in Southern markets for spot material, offerings still being reported as light in all sections. There were reports of a fair movement.

Markets at Other Centers

Atlanta, April 26.—Federal action looking to subsidizing sales of cotton abroad has stimulated new interest in this season's crop. Heavier fertilization is expected in the Southeast as a result.

Price crude oil is offered at 5½c. to 5.62½c. per pound, and 8 percent meal at $24.50 to $24.75 per ton, Southeastern mills.

Memphis, April 28.—Crude cottonseed oil remained quiet. Last sales reported were at 5⅝c., Valley basis, with that figure still ruling. Mills holding for better markets. Speculative meal market made new high on short covering, but demand for actual meal continues only fair. Meal quoted today at $24 per ton for 41 percent, Memphis basis. Bulk cake $21.50 per ton for prompt shipment, Valley points. Hull $5 per ton at mill points. Crop preparations continue backward in this section, due to frequent heavy rains.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	April 20.	April 27.
May	$23.00@23.75	$24.05@24.35
July	23.30@23.75	23.60@——
September	23.15@23.35	23.00@——
October	22.45@——	22.65@23.00

Fatty Acids

Capric Acid.—Business was rather slow, but with production curtailed the market retained a steady tone, previous quotations being repeated.

Castor Oil.—There were no fresh developments in the way of price changes in the market for this fatty acid. A fair inquiry was noted, though consumers were not inclined to purchase ahead.

Coconut Oil.—This fatty acid remained in a steady position in the absence of any change in basic material. There was a fair movement of moderate lots.

Lauric Acid.—Quotations were maintained at previous levels, the tone of the market being steady. Interest on the part of consumers was apparently limited to comparatively small quantities.

Red Oil.—No broadening of business was noted, consumers being disinclined to provide to any important extent for

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Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

future requirements. The market was steady.

Stearic Acid.—A steady tone continued to prevail. There was a fair movement into local and outside consuming channels on contracts and transient orders.

Markets at Other Centers

Chicago, April 28.—A substantial demand has developed recently for various grades of fatty acids, and the general feeling regarding the market seems to be quite good.

FATTY ACIDS.—Corn oil, double distilled, 8½c. to 8¾c. per pound, tankcar; 9c. to 9¼c., barrels, car lots; 9½c. to 9¾c., barrels, less than car lots; coconut oil, acidulated, 8¼c. to 8½c. per pound, tankcar; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7½c. to 7¾c. per pound, tankcar; 8c. to 8¼c., barrels, car lots; 8½c. to 8¾c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3½c. to 3¼c.; boiled down soap stock, 65 percent basis, 4½c. to 4¼c.; cottonseed foots, 50 percent basis, 1½c. to 1⅝c.

STEARIC ACID.—Distilled, single press, 10c. to 11c. per pound; double press, 10½c. to 11½c.; triple press, 13¼c. to 14¼c.

Fish Oils

Menhaden.—A firm tone continued to prevail in the local market for refined oil, this being a reflection of recent developments in crude oil. There were reports of a somewhat better inquiry, though consumers were still disinclined, as a rule, to purchase in advance of current needs.

Sardine.—Quotations on refined oil were stationary and sellers appeared to be firm in their views as a result of the recent upturn in crude oil. Purchasing was generally limited to comparatively small or moderate lots.

Whale.—Selling schedules were maintained at previous levels by refiners, the tone of the market being steady. There was a fair demand for moderate lots.

Markets at Other Centers

San Francisco, April 25.—Fish oils again remained nominal and uninteresting in the absence of any noticeable supply or demand, and the market is apparently faced with a period of quietness, at least for the next month or two. Alaska herring labor negotiations were said to be getting close to the time of discussion, and one or two gestures have been made, it was reported here today, although the details were completely lacking. Herring in Alaska is open June 1.

Only four unsold tankcars of crude California oil can now be found in first hands, a check in this market reveals, although it is stated that a small quantity of resale oil is available. The market is nominal, with 33½c. per gallon in tankcars taken as a talking basis. Sales about two or three week ago were consummated on the basis of 34c.

Baltimore, April 26.—Reports of offers of menhaden oil at 28½c. per gallon have appeared here during the last week, but it has not been possible to trace them to a reliable and authentic source. At any rate, no sales have been made, with potential buyers evidently unwilling to pay that price and with no disposition on the part of the sellers to take less. The producers, it is said, are disinclined to go below the 30c. per gallon for oil in North Carolina, realized in recent trading, which would bring the price at Baltimore up to 32c. per gallon. The oil under consideration is a part of the supply that had been left over from last season. Fishing off the North Carolina coast is proceeding in a very limited way. Refined oil prices are about as they have been, with light pressed at 53c. to 55c. per gallon, light bleached 55c. to 57c., and yellow bleached 57c. to 59c.

Fats and Greases

Grease.—Consumers were not inclined to purchase ahead, but there was a fair demand for small or moderate lots, the movement of such quantities being sufficient to give the market a steady tone.

Lard.—Local cash prices were irregular, changes generally being moderate in the absence of wide fluctuations in the Chicago market for futures. Domestic trade was quiet and the export movement showed some decrease.

Stearin.—A steady tone prevailed, lack of demand of importance being offset by light offerings.

Tallow.—A steady tone continued to prevail in the local spot market, although there was apparently no broadening of trade. There were reports of a somewhat better inquiry, but actual business apparently did not involve individual lots of importance. Outside markets were reported as quiet and steady.

Trading in tallow futures on the New York Produce Exchange from April 22 to April 28, inclusive, comprised 2 contracts, a total of 120,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
May	...	...	5.30@5.50
July	...	...	5.40@5.60

Markets at Other Centers

Chicago, April 28.—The cash lard market has been feeling the effect of somewhat easier conditions in markets that are closely related, and accordingly the tone of cash lard is not extremely strong. Shipping trade remains moderate.

The range of lard quotations from the opening Saturday, April 22, to the close Friday, April 28, is shown in the following table:—

	Per 100 pounds				
	Open.	High.	Low.	Close. Friday.	Previous
Cash	$6.45	$6.70	$6.37	$6.70	$6.42
May	6.40	6.65	6.30	6.65	6.40
July	6.57	6.77	6.45	6.77	6.52

TALLOWS (tierces).—Edible, 5½c. to 5⅝c. per pound; prime, 5⅜c. to 5½c.; fancy, 5⅜c. to 5½c.; special, 5⅛c. to 5¼c.

GREASES (tierces).—Choice white, 5c. to 5⅛c. per pound; A white, 4⅞c. to 5c.; B white, 4¾c. to 4⅞c.; yellow, 10-16, 4⅝c. to 4¾c.; yellow, 16-20, 4½c. to 4⅝c.; brown, 4⅛c. to 4⅜c.

STEARINS (barrels).—Prime oleo, 5⅝c. to 5¾c. per pound; lard, packages, 6¾c. to 7c.; white grease, 5½c. to 5¾c.; yellow grease, 5c. to 5¼c.; oleo stocks, 7⅜c. to 7½c.; No. 2 stocks, 7c. to 7⅛c.

Liverpool, April 28.—Quotations per cwt. on refined American lard were as follows:—

	Spot.	May.	July.	Sept.
	s. d.	s. d.	s. d.	s. d.
Saturday	36 9	37 0	37 6	38 0
Monday	36 9	37 0	37 6	38 3
Tuesday	36 9	37 0	37 3	38 0
Wednesday	37 3	37 3	37 9	38 3
Thursday	37 3	37 3	37 9	38 3
Friday	37 6	37 3	38 0	38 9

Liverpool, April 28.—Quotations per cwt. on tallow were as follows:—

	Choice.	Fine, good mixed.
	s. d.	s. d.
Saturday	.. ..	16 9
Monday	.. ..	16 9
Tuesday	.. ..	16 3
Wednesday	.. ..	16 3
Thursday	.. ..	16 3
Friday	17 9	16 3

Animal Oils

Lard.—A steady tone prevailed, selling schedules being held at former levels by refiners. There was no broadening of trade, consumers being inclined, as a rule, to limit their takings to small or moderate lots for prompt shipment.

Neatsfoot.—Business lacked snap, but there was a fair demand for small or moderate lots to fill the current needs of consumers. The market was steady.

Oleo.—A fair inquiry continued to be noted, the volume of business closed for the week apparently being up to that of recent preceding periods. The ruling tone was steady.

Markets at Other Centers

Chicago, April 28.—Animal oils are holding steady. Buyers have been ordering moderate amounts, and requesting that shipment be prompt.

LARD.—No. 1, 8¼c. to 8½c. per pound.
OLEO.—No. 2, 7¼c. to 7½c. per pound.
TALLOW.—Acidless, 7¼c. to 7½c. per pound, tanks; and 8¼c. to 8½c., barrels.

Waxes

Bees.—The market was firm to strong in most of its aspects. Brazilian crude on spot was reported to be no less than 22½c. to 23c. per pound and African crude was minimum at 19½c. to 20c. Offerings of crude wax suitable for bleaching operations were very small. Refined yellow and bleached wax were also very firm and subject to very good request.

Candelilla.—The market was very firm. Reports indicated that sales by Mexico to Europe were attaining a large volume and contributing much to the maintenance of the cartel price in the market. The local quotations lacked changes.

Carnauba.—At one time last week replacement quotations sagged but the decline was shortlived and toward the close of the period under review values were up to former levels and were well maintained. A fair sized demand in local circles was reported and prices were maintained in very steady position. An important influence on the cost to import wax at present is the much higher war risk rates which have been set up on Brazilian shipments to the United States. The opinion expressed here was that the insurance companies were taking advantage of the international situation and that in point of fact the risk to marine operations out of Brazil to the north was no greater than it ever had been.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Lead Industries Ass'n Barters Paint for Rug

The first advertisements in the national promotion campaign recently launched by the Lead Industries Association, this city, in behalf of pure white lead paint had an immediate response from an unexpected quarter.

To Felix E. Wormser came this letter from a woman living in a remote village in the Blue Ridge Mountains of North Carolina:—

"I need 5 gallons of white paint. I would like to try your house paint but have no money, so I am sending to you by Parcel Post 1 Hand Made Rug that took me a week to make. I hope someone will send me a 5 gallon pail of white lead paint by freight to Warrensville, N. C.

"This will help me out so much.

"Thanks."

Felix E. Wormser, Secretary-treasurer of the Lead Industries Association, and His Secretary Inspect Hooked Rug Bartered for White Lead Paint

Japan.—The market in Japan was higher but the rise in shipment quotations was totally without effect on spot prices. The market here was quiet and still competitive enough to keep quotations far too close to replacement prices.

Whaling Boat Registry Extension Is Sought

OPD Washington Bureau
April 26, 1939

The house committee on merchant marine today held a brief hearing on two bills introduced by Representative James A. O'Leary, of New York, to permit foreign-built vessels owned by domestic citizens or corporations to obtain United States registry for purposes of engaging in whaling.

Under the present law whale oil may not be imported free of tax after June 30, 1939, unless the whales were captured and processed by vessels of United States registry, and foreign-built vessels may not be registered for this purpose. Attorneys John O'Connor and Thomas J. Blake, appearing for the Western Operating Company and the American Whaling Company, told the committee that it is impossible to purchase killer boats suitable for whaling in the United States or to have them built here except at prohibitive cost.

Indiana Standard Developing New Refining Process

The Standard Oil Company of Indiana, along with the Standard Oil Company of New Jersey and the I. G. Farben-Industries A. G., were developing a catalytic refining process which was expected to give the same results as the Houdry process and at a lower cost, A. G. Seubert, president of Indiana Standard, told stockholders at the annual meeting April 27.

Olive Oil Ass'n Elects

The Olive Oil Association of America, Inc., at its annual meeting elected the following: President, E. H. Jacobsohn; vice presidents, Carlo Bertolaia, Walter A. Benz; treasurer, Anthony J. Bendin, and secretary, M. Charles Segui. Directors elected were:—Henry Andreini, L. A. Pelton, Baltimore; S. Booras, Boston, and A. William Gerosa.

F.T.C. Order Hits Special Brand Prices

—Continued from page 5

prices different and lower than the net realized prices at which United States brand tires of like sizes, grade and quality are sold to the independent dealers.

The order makes an exception to the extent that differentials are not prohibited which make only due allowance for differences in cost of manufacture, sale or delivery, if any, resulting from differing methods or quantities in which such tires are sold or delivered.

The order also prohibits price discriminations between different dealers (a) by granting cumulative discount dependent upon the total volume of purchases of United States tires during a specified period, and (b) by granting to dealers, oil companies and others purchasing tires in large quantities certain discounts, commissions and rebates not allowed smaller competing dealers.

Price discrimination is likewise forbidden in the sale of tires through retail stores owned or operated by either respondent, between different retail purchasers by selling to some of such purchasers, including so-called "commercial accounts," at prices different and lower than those charged to others, except to the extent that such differentials shall make only due allowances for differences in cost of manufacture, sale or delivery, if any, resulting from differing methods or quantities in which the products are sold or delivered.

The order prohibits the paying or contracting to pay to oil companies purchasing the respondents' tires for resale, a commission on sales by respondents to operators of oil and gasoline stations and jobbers selling the products of such oil companies as compensation for services furnished by such oil companies in connection with the sale of the respondents' tires, unless such payment or commission is made available on proportionally equal terms to all other customers of the respondents competing with such oil companies in the distribution of respondents' tires.

Aluminum Company of America, Pittsburgh, added to its directorate G. J. Stanley and I. W. Wilson, increasing that body to ten members.

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The virtually unprecedented enthusiasm which attended the introduction of Sulfanilamide has failed to be diminished by the extensive clinical evaluation to which this remarkable chemotherapeutic agent has been subjected.

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Drugs, Fine Chemicals

Soft Mercurials and Mercury Iodide Advanced Sharply—Ephedrine And Its Salts Reduced—Perchlorethylene and Trichlorethylene Down — Menthol Made From Eucalyptus Oil

Considerable price activity featured the market for drugs and fine chemicals during the past week. All soft mercurials, and also red and yellow mercury iodide were advanced substantially to cover the recently increased cost of production. Ephedrine was reduced sharply. Perchloroethylene and trichloroethylene were reduced in order to extend and increase the use of both materials. Blaskstrap molasses in New Orleans was a fraction cheaper, but quotations at North Atlantic ports held unchanged. Finally, agar No. 1 was higher.

General market activity was very good. Demand was steady and about even with the recent volume of trade and hence the undertone of the market as a whole was very steady. Stocks were available in quantities fully protecting buyers and assuring ample deliveries should demand become broader.

The quicksilver market held strong on the basis reached during the recent several advances in price. The rise in hard mercurials was not extended, and the advance in quotations made on soft mercurials during the period under review merely covered the rise in production costs. Alcohol was about steady, though there was some reason to suspect a slight unsettlement of schedules prevailing on proprietary solvent denatured alcohol selling in the Metropolitan area.

A new development in the manufacture of synthetic menthol was reported from Sydney, Australia. Production utilizing eucalyptus oil as a basic raw material was said to be already under way.

A visitor from the Union of South Africa, expected to arrive in the United States during the latter part of April for a stay of six weeks, desires to contact manufacturers of proprietaries. Full details regarding this visitor are available to accredited American firms at the Chemical Division of the Bureau of Foreign and Domestic Commerce, Washington. Please refer to Foreign Visitor No. 439.

Acid, Citric.—The first genuinely warm day this Spring came last week; in this city the temperature went to 83 officially. However, it was promtly followed by rain and cold. Therefore, the one element needed to stimulate demand for this acid was too short-lived to affect the market. Prices remained steady.

Acid, Tartaric.—The market was moderately active and volume was about even with that in recent weeks. An extended spell of warm weather was needed to stimulate demand from the beverage makers and while there was one day when the temperature was far above normal for the season, rain and cold clamped down once more and hence the market was little, if any, changed. Canadian imports in 1938 were valued at $174,000, in which value the United States shared to the extent of $1,000 only. In 1937, the value of imports was $165,000 and once again the United States got but $1,000 of the total.

Agar.—The market was firmer and upward in trend on spot. No. 1 was priced at $1 to $1.05 per pound with business being done thereat, and in very good volume. Imports in 1938 totaled 589,000 pounds, which compared with the record importation of 704,000 pounds in 1937.

Alcohol.—Trade in all kinds of alcohol pursued a quiet course most of the time last week. The movement against contracts was declared to be fair and new business made a reasonably satisfactory total by the close of the period under review. Pricewise, the market lacked new developments, remaining in an apparently steady position. Comparative statistics on pure and denatured ethyl alcohol for July-March in 1938 and 1937, as prepared by Alcohol Tax Unit, Bureau of Internal Revenue, Treasury Department, Washington, D. C., follow:—

Ethyl Alcohol

	Proof gallons	
	1938.	1937.
Production	147,651,882	157,569,047
Withdrawn, tax paid	16,210,054	20,995,296
tax free	135,333,504	131,494,285
Stocks, March 31	27,741,492	32,885,384

Denatured Alcohol

	Wine gallons	
Completely	1938.	1937.
Produced	15,382,050	21,904,406
Removed	15,609,192	22,185,956
Stocks, March 31	456,115	549,028
Specially		
Produced	60,985,751	52,454,861
Removed	60,393,641	52,547,022
Stocks, March 31	837,794	663,520

Bonded Dealers

	Wine gallons	
Specially denatured—	1938	1937.
Received from denaturing plants	2,398,421	2,348,972
Disposed to bonded manufacturers	2,397,022	2,380,588
Inter-dealer shipments	30,347	38,363
Stocks, March 31	278,954	313,940

Bismuth Metal and Salts.—The market was routine in all respects. Movement into consumption was well up to the levels in recent weeks and contributed much to the general stability of prices and market conditions.

Blue Mass.—The sharply higher cost of production, developed by reason of the advancing cost of quicksilver, was reflected in quotations on this material last week. Values were moved up to the basis of $1.10 per pound. In powdered form, the price was $1.12.

Castor Oil.—The market appeared to be firmer. Some producers reported that before accepting orders for tank-car quantities, salesmen had been ordered to communicate with the home office for prices. Demand was said to be very good.

CHICAGO, April 27.—Castor oil orders have been holding up quite well, considering the general situation in the market. Both medical and technical oils were subject to good buying, it is understood. Ruling prices are:—No. 1, barrels, car lots, 9⅛c. per pound; barrels, less than car lots, 10¼c.; returnable drums, car lots, 8⅞c.; drums, less than car lots, 10c.; tanks, 8⅜c.; No. 3, barrels, car lots, 8⅝c.; barrels, less than car lots, 9¾c.; returnable drums, 8⅜c.; drums, less than car lots, 9¼c.; tanks, 7⅞c.

Cocoa Butter.—Trade was not very active but prices had a stable quality that suggested the presence of less competition than had prevailed recently. Stocks were sufficient in all respects.

Codliver Oil.—The decline in spot demand was seasonal. Interest centered mainly in the developments in markets offering new crop oil for prompt and later shipment. On the whole, prices at such points continued to be very favorable.

BERGEN, April 8.—The shipment market was dull and prices were unsteady in the main. Production figures have not been released but reports indicate that the output of the factories was running well in line with the volume turned out weekly thus far this season.

Ephedrine.—Quotations were reduced rather sharply, being further evidence of the excellence of supplies and the usually favorable cost of production. New prices were setup as follows:—Alkaloid, 1,000 ounce lots, $1.75 per ounce; 100 ounce lots, $1.85; hydrochloride and sulphate, 1,000 ounce lots, $1.25; 100 ounce lots, $1.35.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Agar, No. 1, 7c. per lb.
Blue mass, 3c. per lb.
Citrine ointment, 3c. per lb.
Mercurial ointment, 30%, 3c. per lb.
50%, 5c. per lb.
Mercury bisulphate, 7c. per lb.
iodide, red, 5c. per lb.
yellow, 5c. per lb.
Mercury with chalk, 5c. per lb.

Reduced

Ephedrine, alkaloid, 35c. per oz.
hydrochloride, 15c. per oz.
sulphate, 15c. per oz.
Molasses, blackstrap, at New Orleans, ¼c. per gal.
Perchlorethylene, 9/10c. per lb.
Trichlorethylene, 9/10c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
183.4	**183.4**	**182.9**	**180.8**

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Industrial and Pharmaceutical Chemicals

QUININE
Sulphate and Minor Salts

CINCHONINE CINCHONIDINE
QUINIDINE
and their Salts

"AMSTERDAM" BRAND
"MAARSSEN" BRAND

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BENZAL CHLORIDE
BENZOIC ACID
BENZO TRICHLORIDE
BENZOATE OF SODA

FORMALDEHYDE
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CINCHOPHEN NF VI
NEO-CINCHOPHEN U. S. P.

Epsom Salt.—Somewhat more business than had been commonly reported recently was noted during the past week. The gain was moderate in size but it contributed to an improvement of the generally steady undertone and prices.

Formaldehyde.—Makers of synthetic resins were takers in good sized quantities, building an excellent tonnage movement and making for a well stabilized price position in this market.

Glycerin.—The market was generally steady on spot. While foreign crude prices have been slightly more attractive at times, local buyers for consumption were none too active in making new commitments covering import parcels. Refined and dynamite glycerin moved very well on the basis of prices fully steady in all respects. Reports from Copenhagen, Denmark, indicated that exports from that country in 1938 declined to 694 metric tons, valued at 631,000 kr., from the 1937 total of 938 metric tons, valued at 1,538,000 kr. Imports into Denmark increased to 317 metric tons in 1938, comparing with 238 metric tons imported in 1937.

CHICAGO, April 27.—Trade interest as regards c.p. and other grades of glycerin continues to turn increasingly to questions related to possibility of war and the present and prospective situation as to crude glycerin. Current orders for c.p. are fairly good, and tone seems to be quite steady. Ruling prices are:—Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, tanks, 11¾c.; drums, car lots, 12c.; drums, less than car lots, 12½c.

Magnesia.—The entire group was the subject of a fair and comparatively satisfactory call from manufacturing consumers. Pricewise, values seemed well maintained to the point of being actually stabilized at prevailing levels.

Menthol.—The market was rather quiet. Buyers bought mainly on a jobbing basis and hence volume was little improved over that current in recent weeks. However, prices had a generally steady quality. It was pointed out last week that importers who pay for German synthetic material in blocked marks will be compelled to pay a duty of not only 50c. per pound but also an added impost of 25 percent ad valorem. Of considerable interest to the makers of synthetic material in this country was the report that Australia is manufacturing menthol, utilizing eucalyptus oil as a basic raw material, according to The Department of Commerce.

Mercurial Ointment.—To cover the higher cost of production resulting from the current price of quicksilver, makers of this material advanced quotations to 85c. per pound for 30 percent strength in 50 pound lots, and to 87c. in quantities of 25 pounds; 50 percent strength, 50 pound lots, $1.23; 25 pound lots, $1.25.

Mercury Bisulphate.—Quotations were raised to $1.90 to $1.94 per pound on 5

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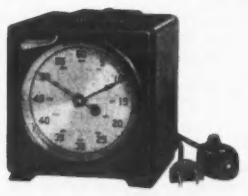
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TRONA
MURIATE OF POTASH
A 95-98% Agricultural Grade
A Special Grade for Manufacturers of Industrial Chemicals

pound bottles; 100 pound fiber drums, $1.77; and 25 pound jars, $1.79. The advance was caused by the sharp rise in production costs, the result of the recent and several advances in the cost of quicksilver.

Mercury Iodide.—Manufacturing costs were higher in keeping with the rise in quicksilver prices. Hence, makers of this iodide raised the schedule to the following levels: Red, N. F., 5-pound bottles, $3.81 to $3.85 per pound; 25-pound cans, $3.70 to $3.75; 100-pound drums, $3.70 to $3.75; yellow, 5-pound bottles, $3.91 to $3.95; 25-pound cans, $3.80; 100-pound drums, $3.80.

Mercury Nitrate Ointment.—Quotations on this item, also known as citrine ointment, were advanced to the basis of 78c. per pound, the result of a much higher cost to manufacture from quicksilver at the present market.

Mercury with Chalk.—The market was advanced to $1.29 per pound in 5-pound bottles, and $1.17 to $1.22 in 25-pound drums.

Molasses.—Quotations on blackstrap molasses at New Orleans was reduced ¼c. to the basis of 3¼c. per gallon, f.o.b. that point. The North Atlantic ports price held unchanged at 4½c.

Methanol.—Exports in the first two months of 1939 totaled 50,000 gallons, compared with 35,000 gallons in the corresponding months of 1938. Exports by countries of destination in 1938 and 1937 were as follows:

	Gallons	
	1937.	1938.
Belgium	28,509	...
France	50,220	100
United Kingdom	24,152	45
Cuba	79,955	59,380
Colombia	47,096	28,054
Japan	493,087	...
Australia	61,089	49,288
Other Countries	92,048	59,393

Perchlorethylene.—In order to stimulate new applications and expand the uses of the technical grade of this material, the leading manufacturers reduced quotations to 8c. per pound in drums, car lots, freight allowed, in Zone 1. Similar reductions were made in all other Zones. For complete schedule see Prices Current.

Quicksilver.—The advance was not extended, but the spot was fully strong and the Pacific Coast was totally lacking in signs of easing. Undertones were strong abroad and that naturally had a strengthening effect on the price views of the domestic producers.

SAN FRANCISCO, April 25.—With buyers resisting the advances recently posted in the quicksilver market, the price level fell last week when a quantity, said to have been in the neighborhood of some 500 flasks, moved in the New York trading area at $95 per flask. Demand at this price is rather fair, it is stated. Production is on the increase on the Pacific Coast at the present time, an authority here estimating that currently the yield is in the vicinity of 1,300 flasks per month.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	31½	42¾	20
Monday	31½	42¾	20 1/16
Tuesday	31½	42¾	20 1/16
Wednesday	31½	42¾	20 1/16
Thursday	31½	42¾	20 1/16
Friday	31½	42¾	20 1/16

Trichlorethylene.—With the intention of stimulating a larger use, as well as to extend its use in new processes, manufacturers of this article reduced quotations to the basis of 8c. per pound in car lots, drum packing, freight allowed, in Zone 1. All other zones participated in the reduction. The complete schedule will be found in the Prices Current.

Drug Hazard Fight Urged by F.T.C. Aid

—Continued from page 5

prietary products containing deleterious drugs, and it is believed to be their public health duty to do so.

Dr. Miller suggested the following ways in which State and local health officers could assist valuably in combatting the adverse effects of falsely advertised medicines on the public health:—

(1) Take up the fight to have introduced into State legislatures modernization of their existent food and drug laws in harmony with the recently enacted Federal laws.

(2) Propose a system of reciprocal notification whereby one examination of a given product made in any State laboratory is reported to the Federal Trade Commission, where, in turn, compiled with information from other States, it may be sent out to all States in periodic weekly releases.

(3) Where a hearing involves expert medical testimony, let the State or local health officer, acting on behalf of the Federal Trade Commission, request the services of suitable men for this purpose.

(4) Insofar as frankly dangerous drugs are concerned, let it be the obligation of health agencies to conduct a systematic campaign of exposition and warning against them. It may be possible in some instances thus to secure the passage of State and local laws against the sale of these products.

Chicago Drug Club Lists Golf Tournament for May 9

The Chicago Drug and Chemical Association has scheduled its initial golf tournament of the season for May 9. Robert O. Hereford, of the Kimball Glass Company, is chairman of the golf committee. The club will hold its annual Spring dinner-dance May 13 in the Palmer house. Elmer F. Smith, president of the association, will greet the members and guests. At the final Spring luncheon, held April 27, the club was addressed by Clem Lane, assistant city editor of the *Chicago Daily News*.

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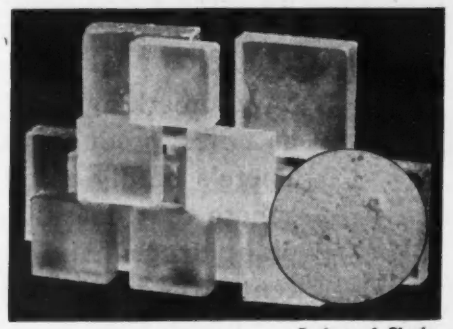
(*Synthetic*)
is identical in quality, purity and capacity for camphor action . . .



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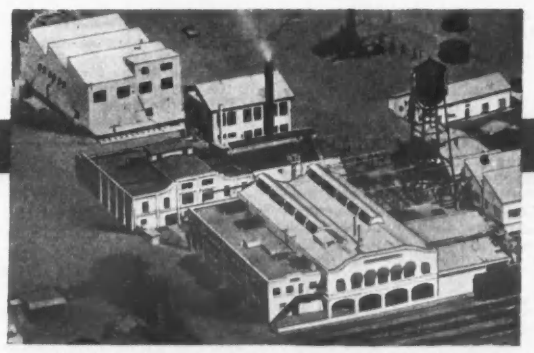

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MAY 1939 XUM

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. . . have something in common if you purchase botanical products that originate in Egypt. There's hardly a country on either hemisphere that doesn't contribute important plant drugs. And our purchasing representatives are right on the spot to secure the finest product of each crop. All in all, we manage to store in our warehouses some one thousand botanicals that are "the pick of the earth". They're at your service in centrally-located distribution points throughout the country, scientifically qualified, and ready for shipment at regular market prices.

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Military Drug Congress Biennial Meeting May 7

The International Congress of Military Medicine and Pharmacy will hold its tenth biennial meeting in Washington May 7-15. The meeting will discuss topics concerned with the rescue of wounded in battle and means of preservation of armed forces from disease.

Speakers at the meeting will include Cordell Hull, Secretary of State; Harry H. Woodring, Secretary of War; Major General C. R. Reynolds, surgeon general of the United States Army, who is president of the congress; Colonel Jules Voncken, of the Army Medical Service of Belgium; General A. Waldmann, chief of the Army Medical Services of Germany, and Vice-Admiral P. T. Nicholls, chief of the Navy Medical Services of Great Britain.

National Oil Products Builds Second Plant in Cedartown

National Oil Products Company, Harrison, N. J., has constructed a plant in Cedartown, Ga., for the production of a new vitamin B complex product for use in fortifying foods and pharmaceuticals. Two years ago the National Oil organization purchased a plant in Cedartown at a cost of $1,000,000 for the production of industrial oils and kindred products.

Extract Makers to Discuss Flavor Packaging, Labeling

The provisions of the food, drug, and cosmetic act as affecting the manufacture, packaging and labeling of flavoring extracts will be discussed at the annual meeting of the Flavoring Extract Manufacturers' Association, to be held in the Hotel Pennsylvania, this city, June 5-7.

Among the speakers scheduled to discuss the various features of the new food and drug legislation are Dr. Charles E. Vanderkleed, of McNeill Laboratories, Inc., Philadelphia, chairman of the technical advisory committee of the American Pharmaceutical Manufacturers Association and a member of the joint technical advisory committee of that association and the American Drug Manufacturers Association; James F. Hoge, general counsel for the Proprietary Association; Ole Salthe, consultant to the Food and Drug Administration; and J. W. Sale, of the Department of Agriculture, who will discuss the labeling features of the act.

Lea Bill Endorsed By Senate Subcommittee

—Continued from page 5

reducing drug, stood in front of the National Press club, where the American Society of Newspapers Editors was in session, and passed out a circular containing the statement issued April 3 by the Secretary of Agriculture, with the following postscript:—

Help to defeat any and all amendments to the new Federal food, drug, and cosmetic act of June 25, 1938.

Dunn Comments on Action Of Senate Subcommittee

Upon receiving news of the action of the subcommittee of the senate committee on commerce on the Lea bill, Charles Wesley Dunn, counsel for the American Pharmaceutical Manufacturers Association, commented as follows:—

On Thursday afternoon the subcommittee of the senate committee on commerce, to which it had been referred, unanimously approved the Lea bill, H. R. 5762, without change. This is the bill, unanimously passed by the house last week, which amends the Federal food, drug, and cosmetic act. The principal amendment is to grant an absolute postponement of its coaltar color and new affirmative labeling requirements from June 25 to January 1, next; and to authorize a further administrative postponement of the latter requirements, on a cause-shown basis, up to July 1, 1940.

I am highly gratified by this approval by the subcommittee, of which Senator Hattie W. Caraway is chairman. But I am more gratified that it is unanimous. For this unanimity of senate opinion again evidences the sound and just character of the bill.

It now goes to the full committee for final action by it; which is probable on next Tuesday. The indications are that that committee will then favorably report the bill. In which event its senate passage next week is probable. It it passes the senate in the form it passed the house, it then goes directly to the President in a form approved by the Department of Agriculture.

Obituaries

Walter O. Borcherdt

Walter O. Borcherdt, assistant general manager of mines for the New Jersey Zinc Company, this city, died April 25 in his home in Mountain Lakes, N. J., after an illness of several months. He was fifty-five years of age.

Mr. Borcherdt entered the employ of the New Jersey Zinc Company in 1906, a year after his graduation from the Stevens Institute of Technology. In the Autumn of 1906 the New Jersey Zinc Company made him assistant superintendent of the Bertha Mining Company, West Virginia. He served as superintendent from 1909 to 1926, when he was made assistant general manager of mines. He was a member of the American Institute of Mining and Metallurgical Engineers, the Mining and Metallurgical Society of America, and the American Association for the Advancement of Science.

Surviving are his wife, two sons and a daughter.

Rolla S. Broadwell

Rolla S. Broadwell, identified with the paint industry since 1890, died of a heart attack recently in his home in Cleveland. Mr. Broadwell started his business carer as a salesman with the Van Cleve Glass Company, and subsequently became secretary of the Hale & Holmes Company, Cleveland. For the past several years he has been acting as a manufacturers' agent in the Northern Ohio territory. Surviving are his wife, a daughter and one son.

G. Edson Clark

G. Edson Clark, New Jersey sales manager for Whittaker, Clark & Daniels, Inc., this city, and brother of Samuel H. Clark, president of that company, died of a heart attack in his home in East Orange, April 24. He was fifty-six years of age.

Mr. Clark became associated with the firm his brother heads in 1934, following many successful years in the building business in Newark with his father, the late George S. Clark. He was active in the Newark Rotary Club and was well-known in the civic and social activities of that city.

In addition to his brother, surviving are his wife and a daughter.

Edward Percy Gamble, son of James Lauder Gamble, who founded the Procter & Gamble Company, Cincinnati, died in his home in Palo Alto, Calif., April 23. He was eighty-six years of age. He was co-founder of the Elizabeth Gamble Hospital, Cincinnati.

Mrs. Edith Prescott Imray, wife of Howard Imray, advertising manager for Eastman Kodak Company, Rochester, died April 21 in a hospital in that city. She was seventy years of age.

Vincent E. Morgan, resident tutor in biochemistry at Harvard University, died April 23 in a hospital in White Plains, N. Y. He was twenty-eight years of age.

Thomas E. Waters, manager of the laundry and textile sales division of the Procter & Gamble Company, Cincinnati, died April 21 in his home in that city, following an illness of several months. He had been affiliated with Procter & Gamble since 1909. Surviving are his wife and a daughter.

J.L. Brenn Convalescing

J. L. Brenn, president of the National Association of Insecticide and Disinfectant Manufacturers, this city, was reported convalescing in the Huntington General Hospital, Huntington, Ind. Mr. Brenn, president of Huntington Laboratories, was operated on April 18 for appendicitis.

Chicago Molded Products Company has issued $500,000 of 5 percent convertible debentures, due on April 1, 1949. at 101 and accrued interest, and 50,000 shares of common stock at $6.25 a share. Proceeds from the sale of debentures will be used to retire the company's preferred stock and a bank loan and for additional working capital.

Botanical Drugs, Spices, and Gums

Botanical Sales Activities Produce Good Volume of Trade, Though Less Than in Previous Week—Prices Firm to Strong And Upward in Tendency

Demand for botanical drugs held up excellently throughout the past week. Although reports differed concerning the volume of business done last week in comparison with that in the previous trading period, it was apparent that the broader consumer interest noted of late was being well maintained.

Most of the business placed last week served as a sort of insurance against the possibility of large manufacturing consumers finding their supplies of raw materials being cut off suddenly by war in central Europe. The wisdom of at least considering an increase of warehouse stocks in this country has been urged with substantial success by large dealers in this market. Most factors felt that war was not coming in the near future, but they also felt that the at present very tense, not to say strained, relationship between the German-Italian axis and the British and French democracies is like unto dried tinder which may be fired any time by an unexpected spark.

The general undertone of prices was firm to strong. In the main the tendency was upward, though actual changes were fewer than they were in the previous trading period.

Entries of botanicals at the port of New York since the week of January 1, 1939, and the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	...	785
Belladonna	...	90
Caraway	1,470	11,680
Cardamom (cases)	...	824
Celery	...	986
Coriander	...	4,054
Cumin	100	1,493
Digitalis leaves (cases)	...	...
Dill	...	212
Fennel	300	680
Henbane leaves (bales)	...	112
Mustard	...	7,553
Poppy	...	15,976
Sage leaves (bales)	...	883
Sesame	414	7,737
Stramonium (bales)	165	175
Thyme (bales)	...	288

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cinnamon, Ceylon No. 2, ¼c. per lb.
No. 3, ¼c. per lb.
Lycopodium, 15c. per lb.
Mustard seed, Danish yellow, ¼c. per lb.
English yellow, ¼c. per lb.
Roumanian yellow, ¼c. per lb
Pepper, black, Lampong, ⅛c. per lb.
Pimento, ¼c. per lb.
Rhubard root, whole 3c. per lb.
powdered, 2c. per lb.
Turmeric root, Alleppy, ½c. per lb.
Madras, ¾c. per lb.
Tonga root, 2c. per lb.

Reduced

Cardamom seed, decorticated, 1c. per lb.
Celery seed, Indian, ¼c. per lb.
Dill seed, recleaned, 1c. per lb.
Ginger root, Japanese, ¾c. per lb.
Mace, Siauw, 6c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
122.2	120.8	119.7	129.0

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Tolu.—Activity was somewhat repressed last week. Manufacturing consumers were active only within limits set by their immediate needs. Volume was conservative in size. Prices were steady.

Peru.—Prices were well maintained. Total exports of this balsam from San Salvador in 1938 were 81,428 gross kilos, comparing with 68,234 gross kilos in 1937. Of this quantity, 48,584 gross kilos came to the United States in 1938, against 45,353 kilos in 1937. With the exception of the group of All Other Countries, exports to the nations for which specific figures have been made available were larger in every instance. Also to the list of countries getting balsam in 1937 were added Japan, Mexico, the Netherlands, Belgium, and Poland.

Barks

Buckthorn.—The countervailing duty of 25 percent ad valorem on imports from Germany bought with blocked marks is now in effect. This would prevail only on cut bark. Whole bark, coming here direct from the primary market, would not be affected.

Cascara Sagrada.—Further advices from the primary market were lacking. The local trade was awaiting the first offerings of new crop bark. In the meanwhile, consumers also adopted a waiting attitude.

Cinchona.—Pharmaceutical bark was in moderate stock at very firm prices. According to the American consul at Leopoldville, Belgian Congo, the government experimental stations in that country report success in the experimental plantings of cinchona ledgeriana as a source from which quinine may be extracted. The stations were said to be co-operating with a Belgian chemical company in establishing cinchona plantations.

Orange Peel.—Firm prices and fair request contributed much to the market of steady undertone that previled last week. Replacement prices were also very steady.

Beans

Tonka.—Commerce in all forms of this article was routine in kind but also very steady. Prices were on the steady side and did not appear to be subject to shading.

Vanilla.—Strength was undeniable. Very good movement out of spot stocks into consumers' warehouses prevailed and kept quotations well maintained and, if anything, tending upward. Conditions abroad were such as to create added strength to values and considerable uncertainty as to the possible future of events. There remained in the background the probable effect of war on the vanilla markets of the world.

Berries

Prickly Ash.—Collection of new crop was still some weeks in the future. In the meanwhile, stocks in the primary and spot markets were virtually exhausted and no firm prices were obtainable.

Sloe.—The main buyers of this article appeared to be carrying reserves sufficiently covering their requirements to make them slightly indifferent to the present European situation. War in Europe, however, would probably stop exports from the primary market.

Flowers

Chamomile.—With the leading season of consumption spreading ahead, the future of this article was up for study for the reason that the bulk of supplies comes from Hungary and a war in Europe, if general in scope, would make imports of new crop hazardous and even impossible.

Lavender.—It was believed that stocks unsold plus those in the hands of buyers would care for probable requirements between now and new crop. War in Europe would hamper collection of a new crop, however, since calling of French troops to the colors would severely reduce the labor supply in the Department supplying this flower to the world.

Mullein.—Spring requirements have been to the fore moderately of late and trade last week had a steady quality that was communicated to prices prevailing for spot goods.

Pyrethrum.—Strength of replacement prices was pronounced, thus making values very firm on concentrates and powdered material. Also demand was very good in the main and prospects for a substantial business during the next several months were excellent.

Gums

Arabic.—Prices held firm. Although demand was not expansive, volume compared favorably with that noted in the recently improved market and on the whole conditions appeared to be fairly favorable for a continuation of considerable strength in prices.

Gamboge.—Lack of exceptionally large supplies on the spot was sufficient to hold prices exceptionally firm regardless of demand. However, demand was, in fact, very fair.

Kino.—Stocks were so low as to suggest that they might be wiped out entirely at any time. Any price secured locally was bound to be nominal unless quoted firmly on receipt of definite inquiry.

Myrrh.—Although not much call was reported, sellers reported that the market was well stabilized at present price levels on spot. Replacement cost was also indicative of firmness at the source.

Tragacanth.—Importers reported firmness as the characteristic most evident in the primary market. The control of prices by the source government was absolute. Outlook for business here was moderately encouraging.

Herbs and Leaves

Buchu.—The lower prices at which new crop was bought have been fully reflected locally, and since the recent declines, a firmer undertone has developed. Business was fair in volume last week.

Ephedra.—Ample stocks were in reserve and the future requirements of makers of ephedrine and its salts seemed to be fully covered unless world conditions lead to an interruption of the flow of raw material from producing countries to the United States.

Henna. — Very good business was noted and the market was firm in undertone. Egypt's henna exports declined slightly in quantity, during the first ten months of last year, to 636 metric tons valued at $121,250, from 895 tons valued at $111,600 in the corresponding months of 1937. France was the largest purchaser during the 1938 period, taking 334 tons, and considerable quantities were also exported to Algeria and other French colonies. Shipments to the Unted States aggregated 85 metric tons in the first ten months of 1938.

Rue.—Prices were firm at the recent advance and, although consumer interest was not stimulated by the rise, there was more inquiry reported by certain suppliers.

Miscellaneous

Colocynth Pulp.—The firmer undertones and higher prices ruling during the previous trading period were retained undiminished and without sign of early change. Local quotations were in line with replacement cables.

Ergot.—Conditions were such as to suggest that values would be higher before they achieved lower limits. New crop was months away. In the meanwhile, control of whatever material remains in either Spain or Portugal was strong and suggestive of an almost total absence of competitive tendency between sellers for export. The spot market was very firm last week.

Lycopodium.—The market was sharply higher. Values were noted at $1.10 to $1.15 per pound and reserves available thereat were small. For a long time it had been declared that Europe would ship little or nothing to this country for at least a year.

Papain. — The undertone seemed steady and prices were less subject to shading. Also, consumption held up very well.

Roots

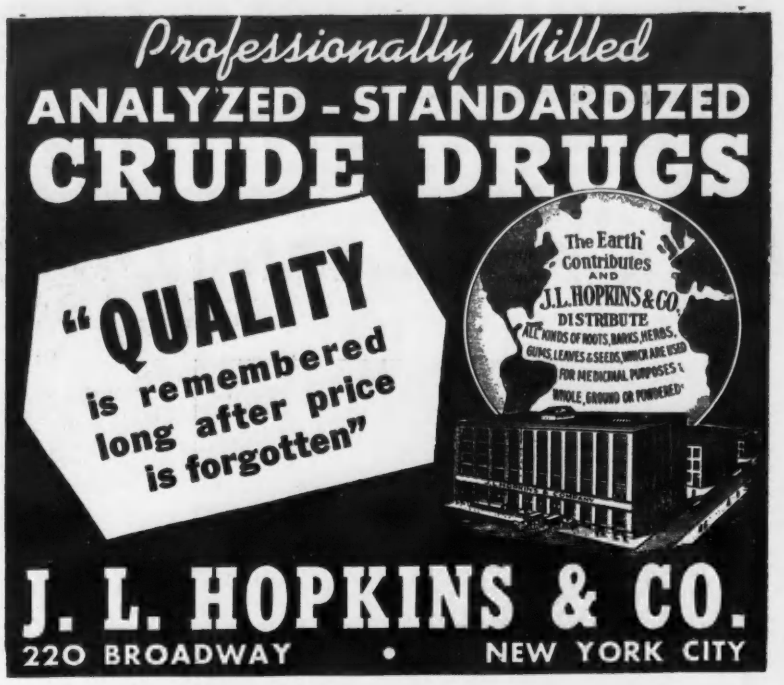
Ipecac.—Quotations were at $1.10 to $1.15 per pound for whole, and $1.15 to $1.20 for powder. This conformed with the import position of the item.

Rhubarb.—The market continued to be advanced. Whole root was noted at 48c. to 49c. per pound and powder was reported at 52c. to 53c. However, in view of the recent price history of the item, maintenance of current quotations was highly uncertain.

Senega.—Although not especially active this article was still very firm. Present stocks must care for world consuming requirements over the next several months. Sellers were reserved.

Turmeric.—Although the report was subjected to liberal discount and doubt, nevertheless a higher replacement cost on Alleppy root was reported to have resulted from the statement that there would be no crop this year. Prices went to 6c. to 6½c. per pound on Alleppy, and to 6½c. to 7c. on the Madras item.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7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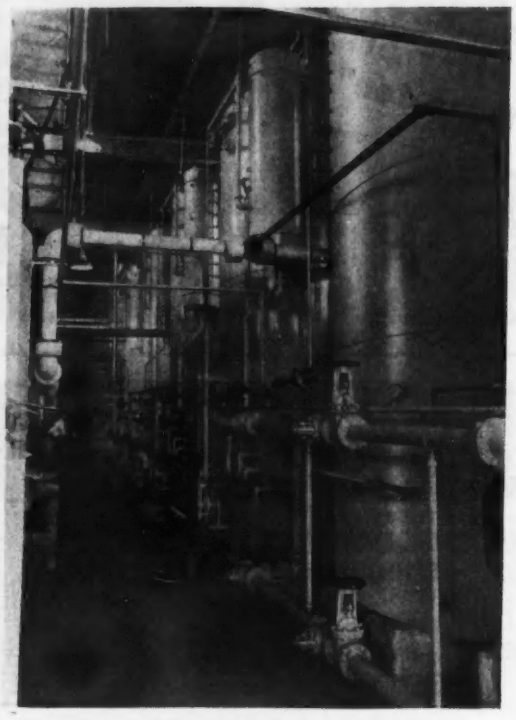

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Seeds

Cardamom. — Decorticated material was shaded to 75c. to 78c. per pound. Others lacked change.

Celery.—The market for Indian seed was lower at 12½c. to 13c. per pound. French seed lacked change.

Dill.—Recleaned material was quoted at 7½c. to 8c. per pound and seemed to be more favorable for consumer operations.

Mustard.—English yellow was up to 9¼c. to 9½c. per pound; also Dutch yellow. Rumanian was higher at 6c. to 6½c. Beyond these changes prices held free from fluctuation.

Spices

Cinnamon.—No. 2 was higher at 14½c. to 15c. per pound and the No. 3 reacted to 14¼c. to 14¾c. Thus was the sharp reduction in the previous week partially offset.

Ginger.—The sole change in prices within this broad group came in Japanese root, which was reduced to 5¾c. to 6¼c. per pound.

Mace.—Siauw on spot was down sharply to 37c. to 38c. per pound, reflecting replacement values at lower levels. Banda and Batavia were unchanged.

Nutmegs.—West Indian material was off a fraction to 9¾c. to 10¼c. per pound. East Indian was steady.

Paprika.—Hungarian extra fancy pepper was lower at 32½c. to 33c. per pound; fancy, 31½c. to 32c. Portuguese and Spanish materials lacked change.

Pepper.—Lampong was up a small fraction to 3¾c. to 4¼c. per pound. It was the sole price change in the group.

Trading in black pepper futures on the New York Produce Exchange from April 22 to April 28, inclusive comprised 438 contracts, a total of 14,716,800 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	3.72	3.69	3.67@3.73
March	3.88	3.65	3.75@3.82
April	3.95	3.69	3.78@3.85
May	3.25	3.13	3.30@3.32
July	3.49	3.25	3.43 sale
September	3.59	3.37	3.50@3.54
October	3.54	3.54	3.52@3.52
December	3.70	3.53	3.61@3.68

Pimento.—Values were higher at 15c. to 15½c. per pound in a slightly more active spot and primary market.

Drug Laws Enacted In Three States

—Continued from page 5

In Connecticut a senate committee has held hearings on a food, drug, and cosmetic bill which is not based on the "model" draft, but is not considered by the trade to be unsatisfactory.

A bill in the Massachusetts legislature is based on the "model," but applies to drugs only; hearings have been held on it.

A drug and cosmetic bill quite similar to the "model" draft has been introduced in the Michigan senate.

In New Jersey, an assembly bill incorporates the food, drug, and cosmetic sections of the "model" draft, but with additional provisions as to new drugs.

In Texas, a house committee has approved a food, drug, and cosmetic bill which does not follow the "model" draft in many respects and contains some provisions against which the drug trade is making protests.

Mallinckrodt Holds Lead In Drug Bowling Race

Mallinckrodt Chemical Works bowling team continued to lead the New York Wholesale Drug Bowling League last week. The tournament will end earlier than usual, with the final games scheduled to be bowled this week. The standing follows:—

	Won.	Lost.	P.C.
Mallinckrodt Chem.	41	22	.651
E. R. Squibb & Son	41	25	.621
Chas. L. Huisking	37	26	.587
Carbide and Carbon	38	28	.576
Chas. Pfizer & Co.	34	29	.540
Church and Dwight	33	30	.524
R. & H.-Du Pont	28	38	.424
Fritzsche Bros.	27	39	.409
American Spice Trade	24	42	.364
Lanman-Kemp-Barclay	21	45	.318

Eastman Kodak Sales Up

Sales of the Eastman Kodak Company and subsidiaries for the first twelve weeks of 1939 were 11.9 percent above the 1938 period, Thomas J. Hargrave, vice-president, said at the annual meeting of stockholders in Jersey City, April 26. He expected that profits would show a corresponding gain. Sales for the 1939 period were $29,662,000, compared with $26,516,000 in the 1938 period and $26,944,000 in the 1937 period. The increase so far in 1939 was accounted for entirely by operations in the United States, with the volume of foreign subsidiaries virtually the same as last year.

Nail Enamels Are Cosmetics

Nail enamels are held by the Food and Drug Administration to be cosmetics under the definition of such articles in the new food, drug, and cosmetic law. Coaltar dyes certified in accordance with the law are, therefore, the only synthetic organic colors that may be used in these enamels.

Pepsi-Cola Co. Stock Asked In Suit Against Loft, Inc.

The recovery of 95,000 shares of stock of the Pepsi-Cola Company was asked in a suit filed in the New York supreme court against Loft, Inc., and its affiliate, the Pepsi-Cola Company, by Mrs. Margery K. Megargel, widow of Roy C. Megargel, former member of the New York Stock Exchange. The plaintiff in the action claims that the shares, a part of 237,500 shares awarded to Loft, Inc., by the Delaware chancery court in a litigation with Charles G. Guth, were obtained from her in 1932 by fraud and misrepresentation and without consideration to her. Pepsi-Cola Company has petitioned chancery court to restrain Charles G. Guth, jr., and William H. Hoodless from using an alleged option on stock in the Pepsi-Cola Company.

McK.&R. Inventories Show Little Variation

—Continued from page 4

It has involved several hundred thousand man-hours of highly skilled labor and many thousand miles of travel. The cost is justified by the extraordinary developments which necessitated a thorough examination into the affairs of McKesson & Robbins. As trustee of this corporation, I cannot guess; I must know.

Naturally, I am gratified to learn that this inventory check is turning out so well. The evidence points to a clean bill of health for the products which the company handles in its normal routine. However the former regime of McKesson & Robbins may have juggled with the company's finances, there is no evidence to indicate any tampering with the quantity or quality of its regular warehouse stocks. This should be reassuring to the drug industry and to the public, but this reassurance has cost a sum which would be prohibitive as an annual charge to any large company—a point which must be borne in mind in developing any legislative protection to investors.

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Essential Oils, Aromatic Chemicals

Italian Lemon Oil Advance Slowed Down—California Lemon Higher Cassia and Peppermint Lower—Wormseed More Competitive —Ceylon Citronella Up—Australian Oils Increase

The market for essential oils lacked the spectacular features that, in the previous week, resulted from the sudden and almost sensational rise in the quotations on Italian lemon oil. The period was one of comparatively moderate activity that for the most part left prices unaffected and uninfluenced. However, higher quotations on Ceylon citronella and California lemon oils were noted, while cassia, peppermint and wormseed were lower.

Most of demand covered the more or less urgent needs of manufacturing consumers. Buyers bought close to their actual requirements and hence the total volume of sales under little if any expansion. Stocks of most merchandise were not large from the standpoint of actual size, but when compared with the actual purchases by consumers, they were at least adequate for present requirements.

Australian essential oils are increasing in commercial importance and application. Menthol and thymol are being made from eucalyptus. Citral and citronellal are being obtained from the leptosper citratum. Production of ti tree oil is now 2,000 gallons per year, which oil, yielded by the Hunon pine, now reaches 10,000 pounds a year: both oils have excellent antiseptic properties. Production of lemon, lavender and rosemary oils is reported. Manufacture of methyl eugenol from the Hunon pine oil is a possibility.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Citronella, Ceylon, 2c. per lb.
Lemon, California, 15c. per lb.

Reduced

Cassia, 5c. per lb.
Peppermint, natural, 15c. per lb.
redistilled, 15c. per lb.
Wormseed, 20c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
67.7	68.8	69.6	72.8

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Very fair business in sweet oil was done at prices reported to be firmer than they were recently. Sellers were not disposed to shade under competition. Bitter oil moved quietly.

Angelica.—Although business was mainly in small lots, the market was reasonably steady throughout the past week and well maintained spot quotations were in line with replacement values.

Anise.—Inquiry was comparatively light throughout the week under review. Also, actual sales were within conservative limits but volume was sufficient to keep quotations generally steady and to hold competition aloof.

Bay.—A movement to secure a change in the N. F. specifications on this article was reported during the previous trading period, this for the purpose of making the specifications conform more closely to the actual phenol content of the majority of oil available for consumption.

Bergamot.—No change in the position of this article at home or abroad was noted last week. The control by the Italian consortium appeared to be effective and absolute. Local demand was about even with the volume recently current locally.

Birch Tar.—Stocks in reserve on spot were moderate but adequate to cope with the present requirements of buyers. Prices were steady.

Bois de Rose.—Rather less than the recent interest was shown in this item without, however, local values being affected adversely. Quotations were very steady. Stocks were of fair size.

Camphor.—At least two large houses on spot pressed substitutes for sassafrassy oil actively and aggressively as the result of the situation developed by the stringent control of replacement stocks by Japanese factors.

Caraway.—Although the market was still competitive the effect on prices was less apparent than it had been. Values were at least maintained free of quotable change.

Cassia.—Competition was plainly aggressive in a market of rather narrow sales possibilities. Quotations were lower at 90c. to $1 per pound for U.S.P. goods.

Citronella.—Ceylon oil on spot appeared to be slightly higher at 33c. to 34c. per pound in drums and 35c. to 36c. in cans. However, no basic change in the primary market was reported and in general interest in import parcels was inconsiderable at the best. Java oil still held a substantial price advantage, being quoted 27c. to 28c. per pound.

Clove.—Values were generally steady. Sellers reported a fair but not expanding interest in offerings, but volume done was about level with sales records in recent weeks.

Eucalyptus.—According to a report from Australia, menthol and thymol are being produced in that country from eucalyptus oils used as the raw material base. The spot market was firm in keeping with the total absence of weakness at the source. Attention has been directed to the need for the conservation of eucalyptus yielding commercial oils, and the reforestation of selected areas with these species. Action in this regard is being taken by government authorities and distillers.

Geranium. — Replacement offerings were neither numerous nor large. This was especially true as concerned Bourbon oil the crop of which was reduced by damage resulting from a hurricane. Locally, the market was on the firm side with prices well held in all directions.

Lemon. — Shipment prices were advanced slightly more last week, but developments in Italy lacked the spectacular qualities that featured the primary market in the previous week. Sellers were disposed to show considerable reserve, and, for the most part, refused to sell to competitors. The market ranged $2.50 to $3.25 per pound with very good quality oil being usually $2.75. California oil lacked further rise at a late hour in the week, but the position was very firm and the tendency was upward in keeping with the situation in Italian material. Plenty of domestic oil will be available whatever happens to the imported item. Production of oil in Joinville, state of Santa Catharina, Brazil, is reported.

Lime.—It appeared that demand was due to be stimulated by warm weather, but a high of eighty-three degrees in this city was of a single day's duration. Cold and damp weather checked a rise in consumption of this Summer oil.

Mustard. — Artificial oil was much firmer. The unsettled conditions in central Europe gave rise to concern regarding a future supply of this article should war become general on the Continent. Sellers tended to become more reserved.

Orange.—Manufacture of this oil in Brazil is a project of a plant just established near Joinville, in the state of Santa Catharina. The spot market was fairly steady, but business was crippled by the failure of warm weather to continue. Prices remained favorable for the manufacturing consumer and supplies were ample. French Guinea exports totaled 239,296 kilos in 1938, comparing with 1937 exports totaling 209,-162 kilos. Evidence of the work done to control the quality of export oil is found in the report that in the 1938-1939 season, 1,322 tests were conducted by the special laboratory set up for that purpose.

Peppermint.—The market was lowered to the basis of $2.15 to $2.40 per pound for natural, and $2.40 to $2.65 for redistilled material. This development appeared to stem from the fact that another crop is growing, as well as from the further fact that demand has been exceptionally light. A plant at Joinville, State of Santa Catharina, Brazil, expects to produce this oil from Brazilian mint.

Wormseed.—Quotations were lower at $2.05 to $2.15 per pound, according to seller and quantity. Considerable competition has prevailed of late, giving a turn to the market that was entirely favorable for consumer and export operations.

Aromatic Chemicals

Menthol.—The market was quiet as to demand but fairly steady as to prices. Natural material from Japan was well maintained at the source but not much buying was done for the account of this country. Synthetic material from Germany now carries not only the normal duty of 50c. per pound but also an additional impost of 25 percent ad valorem on any material paid for by the local importer in any form of blocked marks. Of considerable interest was the report that menthol is being produced in Australia from eucalyptus oil used as the basic raw material, according to the United States trade commissioner at Sydney.

Menthyl Salicylate.—Producers look forward to a good Summer for this item, its use in suntan protective lotions having gained in recent years. Prices were very steady.

Methyl Anthranilate.—Not much interest was disclosed in the item beyond a jobbing call that found prices generally well maintained by the leading producers.

Methyl Benzoate.—More inquiry was reported and some dealers said that sales were up moderately. The market was generally steady in undertone and competition was not prominently a part of trade.

Methyl Cinnamate.—Trade was about normal last week and volume compared favorable with the record in recent periods. Undertones were exceptionally steady and prices were lacking in signs of unsettlement.

Methyl Heptenone.—Buyers' requirements rarely exceeded jobbing proportions during the past week but volume was said to be even with recent business and the general undertone of the market continued to be steady.

Methylnapthyl Ketone.—These orange crystals had a fair movement under conditions that indicated a fair firmness in prices and a minimum of competition between suppliers.

Pelargol.—Manufacturers of soap perfumes of the geranium and rose types were fair takers of this basic material. The market was reasonably active and productive also of a firm price situation.

Phenyl Acetaldehyde.—Both strengths were in steady request and the market undertones held firm. Stocks were reported ample to cover any reasonable expansion in the requirements of buyers.

Phenylacetic Acid.—Interest lagged behind that which had been recently

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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a fairly prominent feature in the aromatic chemical market. Buyers' requirements were believed to have been covered fairly well ahead and hence trade last week was generally quiet. Prices were steady.

Toilet Goods Ass'n Plans To See 'Stars in Your Eyes'

The entertainment committee of the Toilet Goods Association, which will hold its annual meeting in the Hotel Biltmore, this city, May 22-24, has listed the show, "Stars in Your Eyes," featuring Ethel Merman and Jimmy Durante, as one of the entertainment features of the convention. Walter P. Murray, of the Continental Can Company, this city, is treasurer of the entertainment committee.

George V. Branigan, technical director of Ungerer & Co., essential oils and aromatic chemicals, this city, is on a month's visit abroad, during which he will deliver a series of lectures in England and Germany on the technical phases of essential oils.

Annual Wage Contracts Must Be Filed

—Continued from page 4

ments that were made prior to April 26, 1939, should be reported and filed with the administrator in Washington on or before May 26, 1939. Hereafter, employers will also be required, under the new regulations, to make and preserve a record designating each person employed pursuant to each such collective bargaining agreement.

The regulations issued today emphasize the fact that the filing of such agreements with the Wage and Hour Administrator does not mean that the agreements themselves meet the requirements of section 7 (b) (1) or section 7 (b) (2). Filing copies of such agreements is considered necessary, however, to enable the Wage and Hour Administration to keep informed as to the extent and manner in which sections 7 (b) (1) and (2) are being applied.

Compliance with the new regulations for filing collective bargaining agreements does not release the employer from keeping the other records required by regulations, part 516, already promulgated by the administrator.

Lee Williamson Ill at Home

Baltimore, Apr. 26, 1939

R. E. Lee Williamson, secretary of the Federal Wholesale Druggists Association, who has been under medical treatment ever since his collapse last December while in New York in connection with plans for the midwinter meeting of that body, continues to show little improvement. He had gone from his home here to Florida for a three months' stay, hoping that the milder climate there would aid his recovery, but his condition became so grave that he was brought home and taken to a hospital. Last week he was conveyed home again, where he remains under the care of his physician.

TNEC Schedules Seven Hearings

—Continued from page 5

the chairman's announcement gives a general idea of the scope of the hearings.

In the hearings on building construction the committee hopes to be in position to present the results of an intensive investigation that has been in progress since several weeks ago into the possibility of further stimulating building construction throughout the country, reasons for the lag which has been heretofore noted, and the views of qualified persons as to what may be done to alleviate the situation.

John Costa Gonsalves has filed an application (No. 3068) with the Ceylon Registrar of Patents, Colombo, for a patent on "a radical improvement in method of extracting superfine oil from the kernel of the coconut."

Petroleum Solvents, Lubricants, Fuels

Texas, Kansas Issue Proration Order for May—Gulf Coast Gasoline Advances—Refined Products Advanced in New York Area—Oil Output and Stocks Up

The oil production proration order for Texas issued by the Railroad Commission provides for continuance of the Sunday closing of wells through May and June, and the Saturday closings two days each during those months. Production during those months will be restricted to a base of 1,393,077 barrels daily, or 13,000 barrels below the Bureau of Mines allocation of Texas' share of the national market. The decision conformed to urgent pleas of the oil industry for restricted production. Meanwhile the Texas senate passed a bill extending oil proration until September 1, 1941.

The oil allowable for Kansas was announced at 177,000 barrels daily, about 24,400 barrels above the Bureau of Mines forecast for the State. Mid-continent oil operators are apprehensive over the oil situation with too much crude being produced and resulting in large stocks.

The seamen's strike against leading tanker operators neared the end of its second week last Friday without seriously effecting the oil transportation industry. Tankers were being loaded and unloaded at all Atlantic and Gulf ports and stocks were moving steadily. Several price advances made last week, however, were traced by many observers to the strike situation. Gasoline was advanced in the Gulf Coast market and Bunker C fuel oil, light heating oils and gasoline were increased in New York. One type of cleaners' naphtha was advanced at the New Jersey refinery. Kerosene was increased in New York.

Based on reports so far issued the earnings of the oil companies for the first three months of this year were at the lowest level for any similar period in several years. The first quarter, however, usually is the poorest from an earning standpoint. In the last few weeks gasoline prices in bulk have advanced moderately, and indications are that the present quarter will be much better than the first quarter. So far the demand for oil products has been running ahead of the corresponding period last year, and the belief in the industry is that this will probably continue through 1939.

The daily average gross crude oil production in the United States during the week ended April 22 was 3,526,700 barrels, compared with 3,494,500 barrels in the preceding week, an increase of 32,200, according to the American Petroleum Institute. A gain of 19,000 barrels in the daily average output of Texas was the most important change. Reports from companies owning 85.8 per-cent of the nation's refining capacities indicated that the industry as a whole ran to stills 3,280,000 barrels of crude oil daily during the week, and that all companies had in storage at refineries, bulk terminals, in transit and in pipe lines, as of the end of the week, 87,769,000 barrels of finished and unfinished gasoline, 21,058,000 barrels of gas and distillate fuel oil, and 105,835,000 barrels of heavy fuel oil.

Stocks of domestic and foreign crude oil at the close of the week ended April 18 totaled 275,857,000 barrels, according to the Bureau of Mines. Compared with the total of the previous week this represented an increase of 83,000 barrels, comprising increases of 8,000 and 75,000 barrels in stocks of domestic and foreign crude, respectively. Heavy crude oil stocks in California, not included in the "refinable" stocks, totaled 15,658,000 barrels, a decline of 29,000 barrels from the stocks on hand April 8.

The Graves bill, making mandatory instead of permissive the filing of a bond by a distributor of motor fuels for registration with tax commission, was defeated in the senate of this State April 25.

Outputs and Quotas

A comparison of Bureau of Mines calculations for April productions, State allowable quotas where they exist and the American Petroleum Institute's estimate for crude production for the week ended April 22, follows:—

	*B. of M. Dept. of Int. calculations,	State allowable,	Estimated output,
Oklahoma ..	473,300	428,000	451,600
Kansas	152,700	156,850	171,000
Texas 1	,412,700	†1,432,705	1,454,150
Louisiana ..	262,000	257,920	268,800
Arkansas ...	53,300	52,993	52,650
Illinois	149,300	.....	174,500
Eastern	104,800	.....	98,750
Michigan ...	48,300	.....	61,100
Wyoming ..	50,000	.....	57,450
Montana ...	15,300	.....	14,350
Colorado ...	5,000	.....	3,550
New Mexico.	115,300	113,700	108,100
California ..	592,000	‡575,000	610,700
Totals 3	,434,000	.....	3,526,700

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of April. As requirements may be supplied either from stocks, or from new production, contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.

† Net daily average basic allowable for thirty (30) days period beginning April 1. Shut-downs are ordered for all Sundays during April.

‡ Recommendation of Central Committee of California Oil Producers.

Petroleum Production—Motor Fuel Stocks

	Barrels 1939 Jan. 1-Apr. 29	Barrels 1938 Jan. 1-Apr. 29
Commercial crude oil production	419,099,000	402,066,100
	Week ended Apr. 29, 1939	Week ended Apr. 30, 1938
Daily average production	3,598,613	3,421,900
	Week ended Apr. 22, 1939	Week ended Apr. 15, 1938
Estimated motor fuel stock total	87,769,000	87,071,000
Estimated finished motor fuel stock at refineries	55,540,000	55,156,000

Solvents and Diluents

The market for most materials continued in routine fashion with demands fairly good and all prices firm with one exception. One type of cleaners' naphtha was reduced in price.

Cleaners' Naphtha.—The No. 30 high-solvency aromatic material was reduced ½c. to a new price of 15c. per gallon, f.o.b. New Jersey refinery. Sales during the week held up fairly well although no increases in demand were reported.

Lacquer Diluent.—With the general paint market showing an improved tone due to good weather conditions, lacquer manufacturers were showing a keener interest in this material during the period under review. Demand picked up and inquiries for future deliveries were more frequent.

Petroleum Thinners.—Buyers continued to show interest in offerings and spot demand made fractional gains. All prices continued steady and unchanged.

Rubber Solvent.—The Akron tire manufacturers were calling out supplies in fair fashion last week and the market gained firmness. Prospects for future business seemed bright with the report that tire production would continue to increase this year.

V. M. & P. Naphthas.—The market moved in routine fashion with demand holding about the same and the price unchanged.

Markets at Other Centers

Chicago, April 27.—Petroleum solvents and diluents have been quiet but fully steady, partly because of the general firming tendency in other tankcar markets. Few price concessions are reported. Consumption in some lines is reported quite good currently. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 3⅞c. to 4c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tank wagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.2c., tank wagon; lacquer diluent, 7⅜c. to 7½c.; rubber solvent, 6⅜c. to 6½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 15.9c., tank wagon; V. M. & P. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tank wagon.

Tulsa, April 27.—There is good inquiry for the rubber solvents and the V. MP. at current quotations and the market is firmer. The movement has also broadened but quotations are unchanged.

Lighter Fractions

The light hydrocarbon gases in the solvent group showed no new features last week. All prices continued steady and unchanged.

Butanes.—Buyers were showing only fair interest in offerings and shipments of material were light but steady.

Pentanes.—Activity in the market was slack as the week opened, but interest picked up toward the end of the period. Prices were firm.

Octanes.—This mixture held its firm undertone, although no actual gains in demand or shipments were reported during the week. The price schedule remained unchanged.

Petrolatums and Waxes

Crude scale wax continued very strong in the New York and Group 3 markets last week, although no further price advances were reported. Material was at a premium and many sellers with orders to fill were encountering difficulty in carrying them out.

White Mineral Oils.—The domestic and foreign materials were in a slightly better position last week due to a small pick-up in demand. All prices continued steady and unchanged.

Paraffin Wax.—The price was stabilized at 2.85c. per pound for all grades of crude scale wax in the New York market. Material was very scarce, and suppliers who had some on hand were withholding it in anticipation of higher prices.

Chicago, April 27.—The refined petroleum wax market remains in a relatively quiet market position, without any special feature. Orders are reaching a fairly substantial aggregate of business. Stocks are attracting some attention, but without any resulting buying policy developing in general. Ruling prices are:—122-124, slabs, 4.25c. to 4.3c. per pound; 125-127, 4.35c. to 4.4c.; 127-129, 4.7c. to 4.75c.; 130-132, 5c. to 5.05c.; 132-134, 5.25c. to 5.3c.

Tulsa, April 27.—Unquestionably the strongest market front is shown this week with the 124-26 American crude being quoted at 2.85c. per pound.

Petrolatum.—Shipments into domestic industrial channels continued fairly routine last week and all prices remained steady at the previously quoted schedule. Petrolatum is an important ingredient in the manufacture of munitions, a fact which might effect the market in the near future.

Fuels and Lubricants

Reports from all sections of the country indicated that the interest in motor fuel became keener last week due partly to good weather in the early days and also to the approach of the heavier motoring season. Fractional price advances were made in the New York gasoline market. Light fuel oils and kerosene were also increased in New York, as was grade C bunker fuel oil. All grades of gasoline were advanced in the Gulf Coast market and all Midcontinent markets showed strength.

Market Conditions

Gasoline.—The Socony-Vacuum Oil Company increased the tankwagon price of its regular grade from 7.40c. per gallon to 7.80c. in New York City, except the Borough of Richmond. Other leading distributing agencies met the advance. Demand showed noticeable increases during the period under review and shipments continued at a healthy rate.

Kerosene.—Socony-Vacuum Company advanced the price ⅛c. per gallon to 4⅜c. in tankcars and 4¼c. per gallon in barges in the New York market. Other sellers followed suit. The market gained additional strength last week with a pick-up in demand. Increase in the New England price was expected, due to the strength of the market in that area.

Fuel and Gas Oils.—Cities Service Company advanced Grade C bunker fuel oil 10c. per barrel at New York, making the price $1.05 per barrel. Other leading suppliers continued to quote 95c. per barrel. Socony-Vacuum Company increased the price of No. 2 heating oil ⅛c. per gallon to 3¾c. Other sellers met the advance. Strength of the No. 2 heating oil market in the New England States indicated a possible price advance in the near future. Heavy fuel oils showed little change during the week.

Lubricating Oils.—Pennsylvania lubricants continued to show strength during the period under review, but prices were unchanged.

Tankwagon Price Changes

The Socony-Vacuum Oil Company advanced the tankwagon price of its regular grade gasoline from 7 2/5c. per gallon to 7 4/5c. in New York City, with the exception of the borough of Richmond. Other sellers met the advance.

Chicago, April 27.—The strength which has been apparent in the tankcar petroleum markets for some weeks is continuing. It is aided by a spell of extremely favorable motoring weather, following some poor driving weather. Refiners are not anxious to sell beyond limited periods, although some good orders are in the market to be filled. Kerosene is coming into slightly better call. Tractor fuels are bought fairly well. Furnace oils are tapering off in demand. Heavy fuels are quite firm, and the larger buyers continue to

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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The State of the Petroleum Market

The Gulf Coast gasoline advance did not effect the figures in this box. Crude oil prices were unchanged.

	April 29	April 22	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.147	$1.147	$1.305
Gasoline prices at refineries (at four refining centers) per gallon.....	.0484375	.0484375	.048125

order quite steadily. Lubricating oil business is reported moderately good.

GASOLINE.—Low octane motor, 4c. to 4⅛c. per gallon; 63-66 octane motor, 4¼c. to 4⅜c.; 67-69 octane motor, 4½c. to 4⅝c.; 70-72 octane motor, regular, 4¾c. to 4⅞c.; 60-62, 400, 4c. to 4⅛c.; 64-66, 375, 4c. to 4¼c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4¼c. to 4⅜c. per gallon; 41-43, water white, 3⅞c. to 4⅛c.

FURNACE OILS.—Range oil, 3⅝c. to 3¾c. per gallon; No. 1 prime, 3½c. to 3⅝c.; No. 1 straw, 3⅜c. to 3⅝c.; No. 2 straw, 3¼c. to 3½c.; No. 2 dark, 3½c. to 3⅝c.; No. 3, 3½c. to 3¼c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, April 25.—All grades of gasoline evidenced a ⅛c. price advance in the domestic market during the past week, other commodities remaining unchanged. Foreign inquiries and exports continued good. U. S. motor gasoline was quoted at 5⅜c.; U. S. motor below 62 octane at 5⅜c.; 63-67 octane at 5⅝c. and 68-70 octane at 6¼c.—the foregoing prices being based on a per gallon rate at refinery.

The price of kerosene remained unchanged at 7⅜c. per gallon at refinery.

Bunker C fuel oil was quoted at 75c. per barrel at terminal and 80c. per barrel delivered alongside, while industrial plants in this vicinity continued to be quoted at $1.36 per barrel, delivered.

Tulsa, April 26.—A narrowing of supplies of gasoline for the open market has been quite noticeable this week as contract deliveries are being stepped up to the maximum. The large demand apparent during the past two and three weeks has gained with the advent of higher temperatures in the middle western states where consumption has lagged. The market as a whole shows strength in all departments of spot trading but nearly all quotations are unchanged this week. The movement of nearly every product is broader. Following are the approximate prices for the various products trade in the Mid-continent on the basis of group three quotations:—

GASOLINE.—U. S. motor third grade is 4c. to 4⅜c. per gallon. The 63-66 octane is 4¼c. to 4⅝c. per gallon; 67-69 octane is 4½c. to 4⅞c. per gallon; 70-72, at 4¾c. to 5c. per gallon. The higher gravities are nominal.

KEROSENE.—The 41-43 grade is unchanged at 3⅞c. to 4¼c. per gallon and the 42-44 grade is 4⅛c. to 4⅜c. per gallon.

DISTILLATES.—Tractor distillates are very firm and limited in supply. Gas oils and other distillates are soft with the No. 1 at 3½c. to 3¾c. per gallon; No. 2, 3¼c. to 3½c. per gallon for straw and 3½c. to 3¾c. per gallon for the dark.

NATURAL GASOLINE.—Firmness is also noticed in this market with 26-70 unchanged in Texas and Oklahoma at 2½c. to 2⅝c. per gallon. Other grades are also unchanged.

FUEL OIL.—A good movement of these products is found everywhere although quotations are unchanged with the grades below 16 degrees at 50 to 65 cents a barrel and the 24-28 at 85c. to 90c. for the higher cold test while the zero grade remains at $1 to $1.05 a barrel.

LUBRICANTS.—A better tone is noticeable and discussion of recognizing price advances in Pennsylvania is more prevalent although prices at that area are still competitive with the Mid-continent.

'Hot Oil' Law Extension Argued in House Hearing

OPD Washington Bureau
April 29, 1939

Hearings on the senate-approved bill to make permanent the Connally "hot-oil" act which expires June 30, 1939, were concluded today by the house committee on interstate and foreign commerce.

Testimony followed the usual course of argument on the measure which has been presented to Congress in the course of several extensions of the Connally act, with spokesmen for the Department of the Interior and most of the oil industry supporting it as an aid in conservation; while opposition came from representatives of independent jobbers, who contended that the law operates as a price-fixing measure to the benefit of major producers. At the hearings before the house committee the bill was supported by a letter from the Secretary of the Interior, Harold L. Ickes, and by testimony by George W. Holland, director of the Petroleum Conservation Division of the Department of the Interior; Alfred G. White, of the Bureau of Mines; Senator Tom Connally of Texas; Representative Lyle H. Boren, of Oklahoma; Russell Brown, counsel for the Independent Petroleum Association of America; and Fayette B. Dow, counsel for the Pennsylvania Grade Crude Oil Association.

Opposition to the bill was expressed by Representative John M. Coffee, of Washington; Paul E. Hadlick, counsel for the National Oil Marketers' Association, and William J. Kemnitzer, economic geologist and author.

Trade Briefs

D. R. Knowlton has been appointed production manager of the Phillips Petroleum Company, Bartlesville, Okla.

Phillips Petroleum Company, Bartlesville, Okla., stockholders approved an increase in authorized common stock from 5,000,000 to 7,500,000 shares.

Standard Oil Company of Ohio has purchased a half-interest in the Owensboro-Ashland Company, operator of pipe lines in the Owensboro, Ky., area.

John McFarland, of the Sun Oil Company, Philadelphia, has been appointed chairman of the National Petroleum Association committee on social security taxes.

Sun Oil Company has presented a thirty-year service emblem to J. O. McPherson, assistant superintendent of drilling and production in the Beaumont division.

Ethyl Gasoline Corporation, Tulsa, Okla., has advanced Thomas E. Ronan, division manager, to the post of assistant director of field personnel with headquarters in New York.

M. W. McVey, oil operator of East Texas, is temporary chairman of the newly formed East Texas Oil and Gas Association, organized to promote the interest of East Texas producers.

Barnsdall Oil Company has purchased from the Nelson Development Company the right to explore Pont au Fer Island, Terrabonne Parish, La., for oil and gas over a period of six months.

H. J. Marsh, secretary of Signal Oil & Gas Company, Los Angeles, has been elected president of the new Southwest Exploration Company, which will develop tideland acreage in the Huntington Beach field.

D. W. Harris, former vice-president and general manager of Arkansas Fuel Oil Company, has been elected president of Orange State Oil Company, Miami, Fla., which has been purchased by Cities Service Company.

E. F. Sondregger, who for more than two years has been general superintendent of McClanahan Refineries, St. Louis, has resigned his position to become associated with the newly organized Wisconsin Oil Refining Company, Milwaukee.

Ball Clay Sales Off 20 Percent in 1938

Shipments of ball clay from domestic mines were 94,968 short tons valued at $739,691 in 1938 compared with 121,470 tons and $890,705 during the preceding year, acording to the Bureau of Mines. The 1937 figures, however, were an all-time record and the 1938 shipments were well above the averages for earlier years when general business was much more active. Separate statistics showing imports of ball clays are not available but the receipts under the general classification of "common blue and ball clay" which ordinarily consist principally of English ball clays, were 46 percent under the tonnage imported in 1937.

Over 80 percent of the shipments of domestic ball clay in 1938 was used in the maunfacture of white pottery or cream-colored ware, 17 percent was consumed in high-grade tile, and the remaining 3 percent was employed in a variety of products including architectural terra cotta, linoleum, paints, refractory brick, enamels, and miscellaneous articles.

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Mercury phenylacetate
Mesodibutylacridin
Mesodiphenylacridin
Metadibenzylaminophenol
Metaphenylenediamine
Metasap base 532
Methylformamide
Monobenzylpara-aminophenol
Mono-substituted-para-aminophenols
Naphthenates
Naphthenic acid
Naphthoxybenzylbutylamine
Naphthylalphapropyl-aluminum
Naphthylalphapropyl-bismuthine
Naphthylalphapropyl-cadmium
Naphthylalphapropyl-thallium
Naphthylalphapropyl-zinc
Naphthyl-mercury iodide
Naphthyl-mercury sulphide
Nicotine pyrogallate
1:2-Nitrosonaphthol
1:4-Nitrosonaphthol
1:5-Nitrosonaphthol
1:8-Nitrosonaphthol
2:1-Nitrosonaphthol
1:4-Nitrosonaphthylamine
5:2-Nitrosonaphthylamine
Oleylhydroquinone
Oleylphloroglucinol
Oleylpyrocatechol
Oleylpyrogallol
Oleylresorcinol
Orthobenzylmethylaminophenol
Orthocresols
Orthodibenzylaminophenol
Palmitylhydroquinone
Palmitylphloroglucinol
Palmitylpyrogallol
Palmitylresorcinol
Para-aminodimethylanilin
Para-aminomomomethylaniline
Parabenzilideneaminophenol
Parabenzylmethylaminophenol
Paracinnamylideneaminophenol
Paracresol
Paracyclohexylphenol
Paradibenzylaminophenol
Paradimethylaminophenylnaphthyl ether
Paradimethylaminophenylnaphthyl telluride
Paranitrosodimethylanilin
Paranitrosophenol
Paraorthochlorobenzylideneaminophenol
Paraphenylenediamine
Paraphenylphenol
Paratolyloxyphenylisopropylinitrosoamine
Phenol
Phenylacetylhydroquinone
Phthalamide
Phthalimide
Polyphenols
Propenylguaethol
Proprionylphloroglucinol
Propionylpyrogallol
Propionylresorcinol
Pyrogallol
Pyrogallol dimethylether
Resorcinol monomethylether
Salicylamide
Sodium-2-phenylbenzimizazole sulphonate
Stearylphloroglucinol
Stearylpyrogallol
Stearylresorcinol
Thallium phenylacetate
Tin naphthenate
Tin oleate
Toluylyhydroquinone
Toluylphloroglucinol
Tolylacetylhydroquinone
Tolylresorcinol
Triphenyl-aluminum
Triphenyl-bismuthine
Triphenyl-cadmium
Triphenyl-mercury
Triphenyl-stibine
Triphenyl-thallium
Triphenyl-zinc
Valerylhydroquinone
Valerylpyrocatechol
Valerylpyrogallol
Valerylresorcinol
Zinc phenylacetate

Thickeners for Motor Lubricants

Aluminum oleate
Aluminum palmitate
Aluminum stearate
Ammonium linoleate
Ammonium oleate
Ammonium palmitate
Ammonium stearate
Metallic oleates
Metallic palmitates
Metallic stearates
Metasap
Palmitic acid
Propylene stearate
Sodium oleate
Sodium palmitate
Sodium stearate
Stearic acid
Zinc oleate
Zinc palmitate
Zinc stearate

Viscosity Index Improvers for Motor Lubricants

Aluminum naphthenate
Cellulose esters or ethers
Condensation products of ethylene dichloride with benzene
Exanol
Oil-soluble oxygen-free polymerization products of acetylene or acetylene derivatives
Oxygenated vinyl compounds
Paraton
Polymerization products of hydrocarbons of at least 10 carbon atoms of the type of waxy hydrocarbons and oxygenated derivative, such as aclohols, aldehydes, ketones, and esters
Polymerization products of hydrocarbons, such as paraffin wax and naphthalene
Polymerization products of unsaturated hydrocarbons
Polymerized vinyl ester of stearic acid
Polystyrene resins
Polymer of isobutylene with molecular weight of 30,000
Sodium naphthenate
Tristearylcellulose
Uniflow
Univis oils

Naphtha

Decolorizing and Deodorizing Agents for Naphtha

Aluminum silicates
Bentonite
Borromite
Clay
Copper silicate alumina gel
Copper-aluminum silicate
Fuller's earth
Greensand
Permutite
Sodium carbonate
Sodium hydroxide
Sodium plumbite
Sodium-aluminum silicate
Stilbite
Thomsonite
Zeolites

Dispersion Agents for Naphtha

Acacia
Acetanaphthenedisulphonic acid
Agar
Albumen
Alkali hydroxides
Alkali sulphonates
Alkali-sludge sulphonates
Alkyletheralphathiosulphonic acids and their salts
Ammonium betatetrahydronaphthalenesulphonate
Ammonium hydroxide
Ammonium linoleate
Ammonium sulphonates
Ammonium tannate
Amylamines
Amyltetrahydronaphthalenecarboxylic acid
Anthracenesulphonic acid
Butyl acetylricinoleate
Butyl ester of acetylated polymerized ricinoleic acid
Butyl ester of polymerized ricinoleic acid
Butyl ricinoleate
Casein
Castor oil, acetylated
Castor oil, acetylated polymerized
Castor oil, sulphonated
Castor oil fatty acids
1:6-Chloronaphthalenesulphonic acid
Clay
Dextrin
Diamylamines
Diethylaminobetaoxypropylamine
Diethylbenzylethylenediamine
Diethylene oxide
Diethylenethylenediamine, asymmetrical
Diglycol stearate
Dioxan
Emulsifier B 585
Emulsone
Ethyl acetylricinoleate
Ethyl ester of acetylated polymerized ricinoleic acid
Ethyl ester of polymerized ricinoleic acid
Ethyl ricinoleate
Fatty acids
Gelatin
Glue
Glycopon
Gums
Hemicellulose
Hydrocarbon sulphonic acids

(To be continued)

Fertilizer Materials

Good Weather Prompts Demand—Bone and Tankage Continue Strong—Fish Scrap Prices Down—Blood Reduced in Chicago —Sulphate of Ammonia Production Up

The weather was more favorable for planting last week than it had been since the beginning of the year and as a result a keener interest in the market for mixed fertilizers was evident. Mixers likewise were ordering out raw material at a better rate and with the exception of dried blood most materials were in fairly good demand. Bone materials continued to set the pace in the New York market while the demand for tankage remained good. A large tonnage of unground dried menhaden fish scrap was reported sold at a greatly reduced price. Ground fish scrap and imported Japanese sardine meal were also lowered.

The tone of the midwestern market was stable with tankage and bone materials being in best demand. Although the season for fertilizers is drawing to a close in the lower South demand continued unabated. Federal plans for subsidizing sales of cotton abroad have given cotton a better outlook and fertilizer manufacturers are hopeful that a greater demand for their products may result through heavier fertilization of allotted acreage. In contrast to other sections the market in the southeastern states was fairly quiet. This is the season when mixers are delivering their products to consumers and quiet will prevail until it is necessary again for them to take in crude supplies for next season's requirements.

Total production of sulphate of ammonia in the United States during March was 93,339,000 pounds, against 83,560,000 pounds during February and 73,167,000 pounds during March, 1938. Production for the calendar year to the end of March totaled 268,412,000 pounds compared to 215,599,000 pounds during the corresponding period in 1938.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Blood, high-grade ground, 25c. to 30c. per unit-ton, f.o.b., Chicago.
Fish scrap, dried menhaden, 50c. per unit-ton, f.o.b., factories.
ground, $1 to $3 per ton, f.o.b., Baltimore.
Japanese sardine meal, $1 per ton, c.i.f., ports.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

A probable reflection of the weakness of the New York market was the reduction of blood prices in Chicago. Tankage continued steady while nitrogenous fell slightly. Ground dried fish scrap was reduced as was imported sardine meal and dried menhaden.

Sulphate of Ammonia.—Suppliers reported a routine market situation with no price changes.

Nitrate of Soda.—Little change was noted in this material from the previous week. The price continued steady and unchanged.

Dried Blood.—The New York market continued weak and, although inventories were high, no prices were changed. The high-grade material in the Chicago market was reduced 25c. to 30c. per unit-ton. The value of the shipments of dried blood from Argentina to the United States in the first quarter of 1939 totaled $92,533, a sharp increase from the $5,390 recorded during the same period in 1938.

Fish Scrap. — Approximately 3,000 tons of unground dried menhaden scrap were reported sold at $3 and 10c. per unit-ton, f.o.b., Chesapeake factories for delivery on a "when-and-if-made" basis. This was 50c. less than the previously quoted price. Ground fish scrap was also reduced $1 to $3 to a level of $51 to $52 per ton, f.o.b., Baltimore. Imported Japanese sardine meal was reduced $1 to $47 per ton, c.i.f., ports, for shipment and $47.50 for spot delivery.

Nitrogenous Material.—The domestic material in bulk was lowered 10c. to $1.90 per unit-ton, f.o.b., Carrollville, Wisconsin.

Tankage.—The market was firm and shipments steady. No prices were changed.

Phosphates

Bone materials continued to be the strength in the market for most tankage materials. They held strongly to their positions in both the New York and midwestern markets with the steamed bone in better demand at the latter point.

Bone Materials.—Sellers at both New York and Chicago held strongly to the price advance made two weeks ago and demand continued unabated.

Phosphate Rock.—The market for this material is past its peak and sellers last week were beginning to encounter the usual quiet for this time of year. No prices were changed. Italy imported 791,970 metric tons of crude phosphate rocks during 1938, a decrease of 117,311 tons, or 12.90 percent, from the 1937 figure of 909,281 tons. The imports of ground phosphate rock in 1938 totaled 54,873 metric tons, an increase of 39,426 tons, or 255.24 percent, over the corresponding 1937 imports of 15,447 metric tons.

Sulphur and Pyrites

Buyers showed a keener interest in offerings last week and shipments moved into consumption at a noticeably better rate. The quoted price continued firm. Sulphur production in Italy in 1938 totaled 376,865 metric tons compared to 339,115 tons in 1937. Due largely to a sharp drop in the shipments to France, exports fell to 227,395 metric tons in 1938 from 390,229 tons the preceding year.

Markets at Other Centers

Atlanta, April 25.—Scattered demands for fertilizer materials continue in the South, where the season for manufactured fertilizers is drawing to a close. Some resales of potash continue to be reported. Sales of nitrate of soda are falling off as the demand for its use in mixed goods draws to an end, but is expected to pick up again in a few weeks for top dressings. Scattered sales of sulphate of ammonia and cottonseed meal are also reported.

Federal plans for subsidizing sales of cotton abroad has given cotton a better outlook and fertilizer manufacturers are hopeful that greater demand for fertilizers may result, not so much through increase in acreage for the crop as through heavier fertilization of allotted acreage.

Quotations of the market are as follows:—

SUPERPHOSPHATE.—$8.40 per ton, interior producing points.

NITRATE OF SODA.—Bulk, car lots, $27 per ton, port basis.

SULPHATE OF AMMONIA.—Bulk, port basis, $28 per ton.

COTTONSEED MEAL.—Eight percent grade $24.50 to $24.75 per ton, southeast mills.

BLOOD.—Foreign, port basis, $2.75 per unit; Chicago, $3.

TANKAGE.—Foreign, $3.25 and 10 per unit, ports.

NITROGENOUS. — Domestic, $1.90 per unti, midwest points; foreign, $2.40, port basis.

Baltimore, April 26.—Manufacturers of crude fertilizer materials continue to experience extreme quiet in the market, this being the season when mixers make distribution of their products to the farming population and prior to the time when it becomes necessary again for the buyers of crudes to take in supplies for the next season's requirements. As a result, the quotations are mainly nominal, with trading of the occasional sort. Figures mentioned are about as follows:—

FISH SCRAP.—No further sales of this ammoniate have been reported since the closing of contracts for a considerable tonnage at $3 and 10 per unit if and when made. Producers are not disposed to take on further commitments on the chance that the market will go higher. The herring scrap yield is stated to be poor on account of the weather, though the fishing companies hope that they will be able to take care of their commitments, with about 500 tons of this product disposed of in advance of the production at $3.50 and 10c. per unit-ton. Sardine meal demands from the feeding trade are light, with the season now well advanced, and with stocks ample at a spot price of $47.50 per ton. Menhaden meal ranges from $51 to $52 per ton in carload lots, f.o.b. at seaboard.

TANKAGE.—This ammoniate is quite well sold up, with business for unground 9 percent feeding stocks reported at $3.55 and 10c., f.o.b. shipping point.

DRIED BLOOD.—The market for this ammoniate is quiet, but steady, with last sales reported to have been made at $3 per unit-ton, and with buying interest rather slight.

NITROGENOUS MATERIAL. — Market conditions have not shown any material change as to this item, which is moving in very limited qualities at quotations around $1.90 per unit.

SUPERPHOSPHATE.—Government buying of this material is reported to be quite large. The nominal quotations still hold at $7.50 per ton for run of pile and at $8 per ton for 16 percent milled and screened stocks.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

SUNSHINE STATE POTASH
A PRODUCT OF NEW MEXICO U.S.A.
REG. U.S. PAT. OFF.
MURIATE OF POTASH
62/63% K_2O
Also 50% K_2O
MANURE SALTS
Approximately 30% K_2O
UNITED STATES POTASH COMPANY
INCORPORATED
30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

MEMBER OF THE
BIG FOUR

Heading the list of basic raw materials for America's chemical industry are coal, salt, limestone—and sulphur. From this "big four" are derived the majority of the chemical products of the age in which we live—lubricants and fuels, the paint on your house and the dye in your rugs.

Most versatile of the four is sulphur, a dominant raw material of chemical manufacturing and chemical processing. This yellow magic plays each year a more diverse part in speeding the transformation of our natural resources into ships and sewing-machines, automobiles and drugs and sky-scrapers.

Our mines in Texas and Louisiana furnish industrialists all over the country with supplies of 99.5 per cent pure elemental sulphur. Through more than a quarter century, we have established a reputation for speedy, reliable and understanding service.

FREEPORT SULPHUR COMPANY
122 East 42nd Street, New York

GARBAGE TANKAGE.—This ammoniate is attracting little attention, with the market unchanged at approximately $3 per ton at shipping point, which brings the price delivered here up to about $11 per ton.

BONE.—With the market fairly steady, the offerings are not in excess of the supply, and the figures still mentioned stand at $22 per ton for 1 and 60 bone flour, c.i.f. May shipment; $24 per ton for 3 and 50 ground steamed, and $28 per ton for 4½ and 50 ground raw stocks, all c.i.f.

Chicago, April 25.—Further irregularity is reported developing in various sections of the general fertilizer materials market, but the changes involve no great fluctuations and tone in general seems to be fairly stable in relation to the situation existing for some time recently. There is a genreal inclination to watch inventories on the part of buyers, and avoid anything resembling over-buying. Tankage is in fair movement. Bone materials reveal little current change.

BLOOD.—Principal grade, $3 per unit of ammonia.

TANKAGE.—High grade, feeding, $3.75 and 10c.; hoof meal, $2.65; liquid stick, $2.50 to $2.60.

BONE MATERIALS.—Ground, steamed bone, 1½ and 60 percent, $26; 3 and 50 percent, $27; 4½ and 50 percent, $28 to $29; grinding hoofs, pigs' toes and waste horn materials, $35 to $40; cattle jaws, skulls and knuckles, $24 to $26; beef cracklings, soft pressed, $42.50 to $45; pork cracklings, soft pressed, $52.50 to $55; hard pressed cracklings, per unit of protein, 87½c. to 90c.

San Francisco, April 25.—In its closing weeks, the fertilizer materials market here is being subjected to occasional mild buying interest in the organic line, but chemicals, from all reports, continue quiet, insofar as they pertain to new business activity. In spite of earlier fears, the trade has taken deliveries amazingly well and credits have been much better than expected. In the face of poor crop prices, the current season has seen as much activity, from all that can be gained, as in previous good years, and there evidently has been more stability in the resale situation. Last week saw a moderate turnover of fish meal and a fair inquiry for animal products. Seasonal tonnage of fish meal amounted to 95,372 tons, compared with 65,451 tons during the period of a year ago, according to reports released by the California Sardine Products Institute yesterday.

Ruling prices were:—

SULPHATE OF AMMONIA.—Quoted in 100-pound bags at $31.50 per ton, port basis, San Francisco and/or Los Angeles Harbor. Inland points, delivered, $1 per ton extra.

NITRATE OF SODA.—100-pound bags, $29 per ton, ex vessel or warehouse; 200-pound bags, $28.30 per ton ex vessel or warehouse.

SUPERPHOSPHATE. — Domestic superphosphate is quoted at 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, quoted at 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE.—Quoted at $40 per ton, single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra. Eleven percent N. and 48 percent P.A. material quoted at $53 per ton, cars, port basis, and $1 per ton extra for delivery inland.

FISH MEAL.—Spot California sardine meal is steady, with the market easier. Quoted on the basis of $40.50 per ton, f.o.b. cars, San Francisco and/or Monterey.

TANKAGE.—Unground, fertilizer grade tankage, wet rendered, from domestic packing houses, quoted at $2.85 and 10c. per unit-ton, f.o.b. cars, Los Angeles. Dry rendered, ground, quoted at $40 per ton, f.o.b. cars; unground, quoted at 60c. to 62½c. per unit of protein, f.o.b. cars, San Francisco.

BLOOD MEAL.—Domestic blood meal is quoted on the basis of $2.80 to $2.85 per unit, f.o.b. cars, Los Angeles

BONE MEAL.—Domestic steamed bone meal, depending upon quality and seller, quoted at from $25 to $29 per ton, delivered, Pacific Coast ports.

FISH MEAL.—Spot California sardine meal is steady, with the market active on the basis of $40 per ton, f.o.b. cars, San Francisco and/or Monterey.

R.H. Lush Joins Staff Of National Fertilizer Ass'n

R. H. Lush, research professor of dairy production at Louisiana State University, will join the staff of the National Fertilizer Association on or after May 15. He was born in Iowa and graduated from Kansas State College in 1921, receiving his master's degree at University of Minnesota and was a fellowing student at University of Wisconsin during 1928 and 1929. Mr. Lush was with the dairy department at Kansas State College before going to Louisiana State, where he spent the past ten years.

Roy B. Johns, assistant vice-president and sales manager of Freeport Sulphur Company, this city, will leave May 4 for an extended business trip to the Pacific coast.

Price Trends of Chemicals, Oils, Drugs: 1935-39

—Continued from page 26

Petroleum Solvents, Lubricants, Fuels

	1935.		1936.		1937.		1938.		1939.	
	H.	L.	H.	L.	H.	L.	H.	L.	H.	L.
Cylinder stock oil, bright, Pa.	$0.23	$0.18½	$0.25	$0.23	$0.29	$0.20	$0.20	$0.18	$0.18	$0.13
Gasoline, 65 oct., G.3	.05⅝	.04¼	.05⅝	.04½	.06	.04⅛	.04⅛	.03⅞	.04½	.03⅞
Kerosene, 41-43, G.3	.03⅝	.03	.04⅝	.03	.04⅛	.03¾	.04⅛	.03⅞	.04⅝	.03⅞
Paraffin, scale 124-126, N. Y.	.03¼	.1090	.0255	.02¼	.0295	.0140	.0235	.0185	.0265	.0235
Petrolatum, I. w.	.06	.05¼	.06	.06	.06	.06	.06	.05¼	.05¼	.05¼
Petroleum thinner, G.3	.05⅞	.05⅞	.06⅜	.05⅞	.06⅜	.05⅞	.06⅜	.05⅜	.05⅝	.05⅜
Stoddard solvent, G.3	.06⅜	.06⅜	.06⅞	.06⅜	.07⅜	.06⅜	.06⅞	.05⅞	.06⅜	.06⅜
V.m.p. naphtha, G.3	.06⅞	.06⅞	.07⅜	.06⅞	.07⅜	.06⅞	.07⅜	.06⅞	.06⅛	.05⅞

Fertilizer Materials

Ammonia sulphate	$24.00	$21.50	$26.00	$24.00	$28.00	$26.00	$27.75	$27.25	$28.00	$28.00
Phosphate rock, Fla., 68%.	3.40	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.90	1.90
Potash, manure salt	.48	.43	.55	.48	.58½	.55	.58½	.58½	.58½	.58½
Muriate	.45	.40	.50	.45	.53½	.50	.53½	.53½	.53½	.53½
Soda nitrate	23.50	23.50	25.50	23.50	27.00	25.50	27.00	27.00	27.00	27.00
Superphosphate	8.00	7.75	7.75	7.75	8.50	7.50	8.00	8.00	8.00	8.00

A.S.T.M. to Discuss Paint Testing

—Continued from page 5

symposium sponsored by the joint ASTM-ASME research committee on effect of temperature on the properties of metals, the committee has recognized the need for evaluating and summarizing present knowledge and is sponsoring this round-table discussion. The round-table is being developed under the direction of F. B. Foley, of the Midvale Company, for the joint committee, of which N. L. Mochel, of the Westinghouse Electric & Manufacturing Company, is chairman.

For the past few years the society's committee E-2 on spectrographic analysis, headed by H. V. Churchill, of the Aluminum Company of America, has sponsored the presentation of papers in this field. The committee this year is sponsoring a round-table discussion on quantitative spectrochemical analysis. One session of the meeting will be devoted to papers and reports on water. The sessions are being developed under the auspices of committee D-19 on water for industrial uses.

The session on road and paving materials in addition to committee reports will feature four papers on the following subjects: Degradation of aggregates under road rollers; evaluating the adhesive properties of asphalt; test methods for stabilization with emulsified asphalt and their significance; and some factors affecting the thermal susceptibility of asphaltic paving mixtures.

Two sessions will be devoted to reports and papers on cement, concrete and concrete aggregates. There are a number of other technical subjects scheduled, including a description of a new oscillograph for routine tests of rubber and a survey of mechanical tests of rubber. Papers on visual inspection of welded joints, and modern testing of aircraft materials are also included; also contributions on Rockwell hardness of cylindrical specimens, stress-strain time characteristics of materials, physical properties of laminated glass, two papers dealing with gaseous mixtures and another on load weighing and load indicating systems.

China Clay Sales Show Moderate Drop in 1938

Sales of kaolin or china clay by domestic miners in 1938 held up better than might have been expected in view of the slackened pace of consuming industries. Bureau of Mines figures show shipments of 595,054 short tons valued at $4,740,880, only 19 percent less than the 1937 all-time record of 732,282 tons, worth $5,349,636 and well above the shipments for any year prior to 1936.

Imports, on the other hand, were far less in 1938 than in any previous year since 1897, amounting to only 84,180 tons, valued at $753,858, 43 percent less than in 1937. The duty on china clay was lowered from $2.50 to $1.75 a long ton on January 1, 1939, but announcement of the proposed change came so late that it is doubtful whether many consumers deferred their purchases until after the end of 1938 in order to take advantage of the reduction.

Varnish Makers Licensing Studied by Exchange Club

The Paint and Varnish Exchange Club held a meeting April 26 in the Brooklyn Engineers Club, Brooklyn. The uniform direction label subject was returned from the committee with the recommendation that the metropolitan paint industry be informed on the subject and their reactions studied. The question of a license law for varnish makers was brought to the attention of the group to be studied for its advantages and disadvantages.

Dr. Harlan A. Depew of the American Zinc Sales Company talked on "The Expanding Interest in White Acicular Pigments," illustrated by interesting slides.

N.P.V.L.A. Executive Group Discusses Many Subjects

The regular quarterly meeting of the executive committee of the National Paint, Varnish and Lacquer Association, was held at association headquarters April 27.

Among the subjects under discussion by the committee in addition to the review of the association's financial report, were the chinawood oil situation, the continuation of title I of the national housing act; the clean up and paint up campaign; for the 1939 convention to be held in San Francisco; work in progress in the scientific section; and the industry statistics for the first quarter of 1939.

Charles J. Roh, the newly elected chairman of the committee, expressed his appreciation of the honor conferred and accepted a framed, engrossed certificate of appreciation signed by many of his friends in the industry in commemoration of his long years as treasurer of the association.

The following firms were elected to The following firms were elected to membership:—the Bradley Manufacturing Company, Boston; the Barrett Company, New York; Cans, Inc., Chicago; the Charles Ross & Son Company, Brooklyn; the Union Oil Company of California, Los Angeles; the Wackmen Welded Ware Company, Chester, Pa., and the Whiting-Adams Company, Boston, Mass.

Cleveland Production Club To Meet May 16

The monthly meeting of the Cleveland Paint and Varnish Production Club was held April 21. Subjects discussed at the meeting, designated as a plant managers' meeting, pertained chiefly to the justification of various tests and control methods.

The next meeting of the club will be held May 16 instead of the customary third Friday, so that A. E. Stauderman, president of the Federation of Paint and Varnish Production Clubs, could attend. At the May meeting the annual election of officers will take place.

Maritime Transportation Rules Being Studied by N.P.V.L.A.

The Bureau of Marine Inspection and Navigation has prepared for discussion and deliberation, a re-codification of rules and regulations governing the transportation, storage and stowage of inflammables and other dangerous articles on board freight, passenger and other vessels. The primary purpose of the work, according to Edward A. Leveille, chairman of the traffic committee of the National Paint, Varnish and Lacquer Association, is to simplify and harmonize the rail and water regulations, to permit continuity of movement of these hazardous substances, whether their transportation involves either the rail or marine, or a combination of both services.. The traffic committee of the association is studying the regulations, and will welcome criticisms, suggestions and comments.

Animal Glue Statistics On 1937 Production Revised

Revised statistics on the 1937 production of animal glue have been issued by the Bureau of Census as follows:—

Animal glue:	1937	1935
Total pounds	121,126,566	90,283,081
Hide and extracted bone:		
Total value	$17,386,088	$9,215,364
Pounds	73,630,854	*
Value	$12,493,337	*
Green bone:		
Pounds	47,495,712	*
Value	$4,892,751	*

* Not reported separately for 1935.

Belknap Says Industry Is a Clearing House

—Continued from page 5

available for payrolls, taxes, dividends, and money kept in the business, employees received $9,521,096, or 62 per cent, in wages, the government received $2,640,593, or 17 per cent, in taxes, and the stockholders received $2,777,498, or 18 per cent, in dividends.

The taxes, the review says, represented 28 per cent of the payroll and totaled $10,355 every working day. The company's share of unemployment and old-age benefit taxes alone totaled $340,928 for the year, the review shows.

Mr. Belknap does not question the wisdom of taxes as such, when levied for the maintenance and operation of public services, but he says:—

It is only when this tax money is squandered or is used for oppression of, or in competition with, the very industries that supply it, that it becomes the duty of all of us to give the whole question of taxation our serious thought.

Our own figures show that approximately $10,700 is invested in plants, equipment, and materials to provide a job for one Monsanto employee. It stands to reason that the higher the taxes, the less money there is to invest in these $10,700 units—each of which represents a job.

Plastic, Coldwater Paint Calcimine Sales Up

Sales of plastic and cold-water paints and calcimines reported by sixty manufacturers to the Bureau of Census for March, 1939, were as follows:—

Plastic Paints

	Pounds.	Value.
Paste, casein-bound	78,507	$8,043
All other	43,879	4,246
Dry, casein-bound	288,220	21,618
glue-bound	198,501	10,291
Totals	609,107	$44,198

Cold-Water Paints

	Pounds.	Value.
Exterior, lime or cement-bound	718,470	$51,888
casein-bound	555,239	26,845
Interior, case-bound, paste or semi-paste form	282,957*	315,981
dry powder form	1,376,205	99,500
glue-bound	355,124	8,760
Totals	.....	$502,974

* Gallons.

Calcimines

	Pounds.	Value.
Hot water	3,308,019	$127,708
Cold water	3,307,521	152,513
Totals	6,618,540	$280,221

Sales of these products for March compared with the corresponding period of 1938 were as follows:—

		1939.	1938.
Plastic paints	lbs.	609,107	616,744
	value.	$44,198	$46,366
Cold-water paints	value.	$502,974	$496,224
Calcimines	lbs.	6,618,540	7,543,936
	value.	$280,221	$312,244

Shellac Trading Terms Set For New Market in London

London, April 14, 1939

At a general meeting of the London Shellac Trade Association held here recently it was unanimously agreed that the terminal market for shellac should in the future be carried on through the London Produce Clearing House. The unit for trading is to be 50 packages instead of 100 as formerly, and the deposit on the present basis of price to be £15 per 50 packages, payable by both the seller and the buyer, with margins in addition as required. Business on the new terms is to begin within a few days.

Statistics just issued show that landings of shellac during March totaled 9,017 packages and deliveries 11,531 packages. Stocks were thus reduced by 2,514 packages and now total 96,557, as compared with 130,086 a year ago.

Monsanto Plastic Division Gets Safety Award

The Massachusetts Safety Council has presented an award to Monsanto Chemical Company's plastics division, Springfield, Mass., as the 1938 group winner of a State-wide safety contest. The Springfield plant worked 1,718,716 man hours during 1938 with only two lost-time injuries, and topped a group of twenty-four large manufacturing companies in the same classification. The trophy was presented to S. E. Colton, personnel manager of the plastics division, at a luncheon held in the Hotel Statler, Boston.

Callahan Zinc-Lead Company will reopen May 1 its properties at Deming and Hanover, New Mexico.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, CITRIC—10 cks, Canadian National Railway, Rex, Naples
CRESYLIC—100 dms, Monsanto Chem Co, American Importer, Liverpool
116 dms, West Disinfectant Co, Ragnhild, London
92 dms, Ragnhild, London
29 dms, Monsanto Chem Co, Scythia, Liverpool
18 dms, Scythia, Liverpool
GLYCOLLIC — 22 bottles, General Aniline Works, Blommersdijk, Rotterdam
STEARIC — 10 bgs, Binney & Smith Co, Blommersdijk, Rotterdam
ALBUMEN, BLOOD — 11 cks, Morningstar-Nicol, Deutschland, Hamburg
EGG, HEN—30 cs, P A Dunkel & Co, Hulda Maersk, Shanghai
56 cs, Corn Exchange Bank, Naruto, Tientsin
28 cs, Chase National Bank, Naruto, Tientsin
ALOE—25 cs, Selma Mercantile Corp, Astrea, Bonaire
300 cs, J W Lyon & Co, Astrea, Aruba
ALUMINUM FOIL — 2 cs, Heemsoth-Kerner Corp, Deutschland, Hamburg
33 cs, F P Gaskell Co, Deutschland, Hamburg
9 cks, Deutschland, Hamburg
57 cs, Globe Shipping Co, Deutschland, Hamburg
49 cs, F P Gaskell Co, Europa, Bremen
AMMONIA SULPHATE—1,150 bgs, Bradley & Baker, Noordam, Rotterdam
AMMONIAC SAL—50 cs, Solvay Sales Corp, Scythia, Liverpool
ANISE—80 bgs, Orizaba, Vera Cruz
ANNATTO SEED—64 bgs, Barber S S Co, American Banker, London
ANTIMONY, REGULUS—100 cs, C Gitlau, Black Hawk, Antwerp
ARECANUT — 200 bgs, S B Penick & Co, Macharda, Colombo
200 bgs, S B Penick & Co, City of Wellington, Colombo
ARSENIC, POWDERED — 50 cks, American Cyanaid & Chem Co, President Roosevelt, Hamburg
ARTISTS' MATERIAL—4 cs, Winsor & Newton, American Trader, London
ASBESTOS—1,316 bgs, Johns Manville Corp, Robin Adair, Capetown
ASPHALT—480 cks, Weser, Bremen
2 cars, A V Berner & Co, Seatrain New Orleans, Havana
1,000 bgs, A V Berner & Co, Orizaba, Vera Cruz
BABASSU KERNELS — 9,997 bgs, General Food Corp, Polycarp, Tutoya
3,166 bgs, General Food Corp, Bonheur, Maranhao
BARIUM CYANIDE—1 cs, Blommersdijk, Rotterdam
DIOXIDE—2 cs, Blommersdijk, Rotterdam
HYDROXIDE—3 crbys, 1 cs, Blommersdijk, Rotterdam
SULPHIDE—7 dms, Blommersdijk, Rotterdam
BARYTES—861 bgs, Smith Chem & Color Co, Laura C, Venice
11 cars, United Color & Pigment Co, Seatrain New Orleans, Havana
4 cars, F E Schundler Co, Seatrain New Orleans, Havana
1,000 bgs, Whittaker, Clark & Daniels, Birmania, Venice
BATING EXTRACT—200 cks, Heemsoth-Kerner Corp, Black Eagle, Rotterdam
BAY RUM—100 ctns, Artoro Paz, Borinquen, San Juan
BEET MOLASSES—9,250,481 kilos, Charles Pfizer & Co, Biscaya, Danzig
BLACK EARTH—15 cks, Stanley-Doggett, Black Eagle, Rotterdam
BONE MEAL—1,670 bgs, Start Point, Montevideo
BRISTLES—33 cs, Chesnut, Cooper & Co, Queen Mary, Southampton
11 cs, Iwai & Co, Huzikawa, Kobe
7 cs, American Trader, London
25 cs, Chemical Bank Trust Co, Hulda Maersk, Hongkong
5 cs, Terukawa, Kobe
25 cs, N Wagman Co, Crown City, Hongkong
3 cs, Naruto, Kobe
25 cs, Bank of London South America, Naruto, Tientsin
28 cs, Naruto, Tientsin
3 cs, N Wagman Co, Naruto, Tientsin
55 cs, National City Bank, Naruto, Dairen
113 cs, National City Bank, Naruto, Tientsin
180 cs, Chase Natl Bank, Naruto, Tientsin
21 cs, Black Hawk, Antwerp
BRONZE POWDER—31 dms, Phoenix Shipping Co, Deutschland, Hamburg
66 cs, Heemsoth-Kerner Corp, Deutschland, Hamburg
12 cs, G W Sheldon & Co, Deutschland, Hamburg
5 cs, Hamilton Forwarding Co, Deutschland, Hamburg
7 cks, Deutschland, Bremen
3 cs, Keer Maurer Co, Valencia, Bremen
BUCHU LEAVES—5 pkgs, Queen Mary, Southampton
80 bls, R J Prentiss & Co, Robin Adair, Capetown
CADMIUM METAL—27 cs, Ragnhild, Antwerp
42 cs, International Selling Corp, Black Hawk, Antwerp
CALCIUM TARTRATE—119 bgs, Standard Brands, Gran, Marseilles
552 bgs, Charles Pfizer & Co, Gran, Marseilles
CALABAR BEANS—18 bgs, Scythia, Liverpool
CAMPHOR, REFINED—70 cs, Iwai & Co, Hulda Maersk, Kobe
CANARY SEED—200 bgs, Balfour, Guthrie & Co, Noordam, Rotterdam
706 bgs, Western Prince, Buenos Aires
CARAWAY SEED—100 bgs, M Witsenburg, Noordam, Rotterdam
150 bgs, Noordam, Rotterdam
100 bgs, M Witsenburg, Blommersdijk, Rotterdam
CARDAMOM—4 hlf cs, S B Penick & Co, City of Wellington, Colombo
22 cs, Brown Bros Harrimann Co, City of Wellington, Colombo
32 pkgs, City of Adelaide, Calcutta
22 cs, Brown Bros Harrimann, City of Adelaide, Colombo
CAROB—140 bgs, Laura C, Algiers
CASSIA—469 bls, Knickerbocker Mills Co, Crown City, Hongkong
100 bls, Wah Chang Trading Corp, Hulda Maersk, Hongkong
375 bls, A G Dunn, Hulda Maersk, Hongkong
CASSIA—80 bls, Knickerbocker Mills Co, Hulda Maersk, Hongkong
50 bls, S L Jones & Co, Crown City, Hongkong
75 bls, Van Loan & Co, Crown City, Hongkong
50 bls, B Fischer, Crown City, Hongkong
284 bls, Durkee Famous Foods, Crown City, Hongkong
BROKEN—50 bls, L A Guido, Hulda Maersk, Hongkong
50 bls, Van Norden & Archibald, Crown City, Hongkong
ROLLS—100 bls, A G Dunn, Hulda Maersk, Hongkong
100 bls, L A Guido, Crown City, Hongkong
25 bls, Wood & Selick, Crown City, Hongkong
VERA—499 pkgs, J F Frank, Eskbank, Batavia
CASTOR BEANS—378 bgs, Polycarp, Camocim
5,100 bgs, Baker Castor Oil Co, Rio Verde, Pernambuco
2,333 bgs, Bonheur, Maranhao
CELERY SEED—140 bgs, City of Wellington, Colombo
190 bgs, Grau, Marseilles
CHALK, NEUBURG—188 bgs, Weser, Bremen
PRECIPITATED—200 bgs, 50 bbls, H J Baker & Bros, Scythia, Liverpool
CHEMICALS—143 cks, Innis, Speiden & Co, Valencia, Bremen
130 cks, 135 dms, Valencia, Bremen
400 cks, H F Cordes & Co, Valencia, Bremen
5 cs, Pfaltz & Bauer, Valencia, Bremen
1 ck, Stanley Doggett, Valencia, Bremen
2 cs, E Fougera & Co, San Jose, Havre
5 cs, Mallinckrodt Chem Works, San Jose Havre
325 cans, American Cyanamid & Chem Co, San Jose, Havre
2 cs, Gane & Ingram, San Jose, Havre
2 cs, San Jose, Havre
4 dms, 5 cs, Universal Carloading & Distr Co, Vingaren, Gothenburg
50 dms, Black Hawk, Rotterdam
50 dms, Black Hawk, Antwerp
1 cs, Metallo Chem Co, Black Hawk, Antwerp
50 cks, General Dyestuff Corp, Weser, Bremen
2 pkgs, Pfaltz & Bauer, Weser, Bremen
150 bgs, Innis, Speiden & Co, Weser, Bremen
50 bbls, 242 cks, 100 carboys, 136 cans, 11 cs, 12 dms, 38 pkgs, Weser, Bremen
160 cks, American Cyanamid & Chem Co, Black Eagle, Rotterdam
20 cks, Jungmann & Co, Black Eagle, Rotterdam
10 cs, 20 cks, Chemical Marketing Co, Black Eagle, Rotterdam
500 bgs, Philip Bauer Co, Black Eagle, Rotterdam
40 cks, E C Toepper, Black Eagle, Rotterdam
89 cks, Innis, Speiden & Co, Black Eagle, Rotterdam
52 dms, General Aniline Works, Black Eagle, Rotterdam
1,660 cks, 7,587 bgs, 381 dms, Advance Solvents & Chem Co, Black Eagle, Rotterdam
40 dms, F A Kertess, Black Eagle, Rotterdam
100 cks, 351 demj, Black Eagle, Rotterdam
40 cks, Chemical Marketing Co, Black Eagle, Antwerp
50 dms, Black Eagle, Antwerp
3 cs, 1 keg, Yardley & Co, American Banker, London
11 cs, 9 cks, Jungmann & Co, Deutschland, Hamburg
50 bbls, American Cyanamid & Chem Co, Deutschland, Hamburg
20 cs, Hummel Chem Co, Deutschland, Hamburg
216 cks, Advance Solvents & Chem Co, Deutschland, Hamburg
1 cs, Innis, Speiden & Co, Deutschland, Hamburg
1 cs, G W Sheldon & Co, Deutschland, Hamburg
2 cs, A Katos, Inc, Deutschland, Hamburg
8 cks, 14 dms, Chemical Marketing Co, Deutschland, Hamburg
9 cs, 60 cks, 20 bbls, 78 dms, 17 pkgs, Deutschland, Hamburg
12 cs, Pfaltz & Bauer, Deutschland, Bremen
1,016 bgs, Advance Solvents & Chem Co, Deutschland, Bremen
25 cks, H F Cordes & Co, Deutschland, Bremen
50 dms, Ragnhild, Antwerp
3 bbls, Chemical Marketing Co, Noordam, Rotterdam
10 bbls, C Bruning & Co, Noordam, Rotterdam
30 bbls, T H Taussig, Noordam, Rotterdam
10 cs, 7 dms, Noordam, Rotterdam
150 cks, Blommersdijk, Rotterdam
30 cks, American Cyanamid & Chem Co, Blommersdijk, Rotterdam
172 cks, 24 tins, 4 cs, General Aniline Works, Blommersdijk, Rotterdam
30 cks, Chemical Marketing Co, Blommersdijk, Rotterdam
70 cks, 3,124 bgs, 45 dms, 463 pkgs, Advance Solvents & Chem Co, Blommersdijk, Rotterdam
147 cks, Blommersdijk, Rotterdam
50 dms, Manahan Chem Co, Blommersdijk, Rotterdam
50 cks, Stanley Doggett, Blommersdijk, Rotterdam
2 dms, 1 ck, Sandoz Chem Works, Blommersdijk, Rotterdam
51 cks, 5 dms, American Cyanamid & Chem Co, Blommersdijk, Rotterdam
10 dms, P C Kuyper & Co, Blommersdijk, Rotterdam
120 cks, Jungmann & Co, Blommersdijk, Rotterdam
116 cks, 112 cs, Blommersdijk, Rotterdam
CHILLIES—113 bgs, W & A Leaman, Noordam, Rotterdam
100 bls, Royal Bank of Canada, Naruto, Kobe
CHINA CLAY—25 kegs, E Fougera & Co, American Banker, London
CINCHONA PRODUCTS—228 cs, R W Greeff & Co, Noordam, Rotterdam
80 cs, Merck & Co, Black Condor, Rotterdam
CINNAMON—50 bls, Macharda, Colombo
50 bls, City of Wellington, Colombo
CLAY—15 cks, Valencia, Bremen
BLUE—150 cks, E Faber Pencil Co, Blommersdijk, Rotterdam
RAW—247 cks, A Hurst & Co, Blommersdijk, Rotterdam
CLOVES—400 bls, American Banker, London
COALTAR DERIVATIVES — 2 cks, General Aniline Works, Black Eagle, Rotterdam
119 dms, 106 cks, General Aniline Works, Blommersdijk, Rotterdam
INTERMEDIATES—45 cks, General Aniline Works, Black Eagle, Rotterdam
23 cks, General Aniline Works, Noordam, Rotterdam
184 dms, 802 cks, General Aniline Works, Blommersdijk, Rotterdam
187 cks, 286 dms, 14 jugs, General Dyestuff Corp, Blommersdijk, Rotterdam
8 cks, 91 bottles, General Dyestuff Corp, Noordam, Rotterdam
COBALT, METAL—36 kegs, 40 cs, Central Trading Corp, Carolina Thorden, Vupuri
2 cs, Central Trading Corp, Black Hawk, Antwerp
OXIDE, BLACK—20 kegs, Central Trading Corp, Carolina Thorden, Vupuri
190 cks, Central Trading Corp, Black Hawk, Antwerp
SULPHATE—50 cks, Central Trading Co, Henri Jaspar, Antwerp
100 cks, Central Trading Co, Black Hawk, Antwerp
COCHINEAL—40 bgs, W R Grace & Co, Santa Barbara, Callao
COCOA BEANS—4,000 bgs, Curacao Trading Co, Polycarp, Bahia
1,000 bgs, Nieschlag & Co, Polycarp, Bahia
5,000 bgs, A C Isreal Comm'l Co, Polycarp, Bahia
270 bgs, W R Grace & Co, Polycarp, Manaos
116 bgs, H E Botzow, Polycarp, Manaos
300 bgs, South American Prod Co, Astrea, La Guaira
40 bgs, Curacao Trading Co, Astrea, Maracaibo
1,781 bgs, Curacao Trading Co, Borinquen, Trujillo
150 bgs, Pablo Calvet & Co, Ancon, S P ports
200 bgs, Nieschlag & Co, Ancon, S P ports
500 bgs, Wessel, Duval & Co, Ancon, S P ports
1,000 bgs, Wessel, Kulenkampf & Co, Ancon, Cristobal
200 bgs, Daarnhouwer & Co, Ancon, Cristobal
6,397 bgs, W & A Leaman, Blommersdijk, Rotterdam
10,000 bgs, Wessel, Kulenkampf & Co, Rio Verde, Bahia
4,000 bgs, Nieschlag & Co, Rio Verde, Bahia
10,000 bgs, General Cocoa Co, Rio Verde, Bahia
6,000 bgs, A C Israel Commodity Co, Rio Verde, Bahia
250 bgs, Rio Verde, Para
700 bgs, W R Grace & Co, Santa Barbara, Guayaquil
838 bgs, Santa Barbara, Guayaquil
193 bgs, Transmarine Mercantile Corp, Santa Elena, Cape Haitien
695 bgs, D Bacon, Black Condor, Rotterdam
1,500 bgs, Wessel, Kulenkampf & Co, Leif, Trujillo
5,000 bgs, Machardo & Co, Leif, Sanchez
500 bgs, Wessel, Kulenkampf & Co, Leif, Sanchez
400 bgs, Porcella Vicini & Co, Leif, Puerto Plata
400 bgs, Royal Bank of Canada, Leif, Puerto Plata
250 bgs, Curacao Trading Co, Leif, Puerto Plata
1,100 bgs, Machado & Co, Leif, Puerto Plata
405 bgs, Gran, Lisbon
1,350 bgs, Curacao Trading Co, San Jacinto, Pedro de Macoris
3,280 bgs, Curacao Trading Co, San Jacinto, Puerto Plata
3,125 bgs, Curacao Trading Co, San Jacinto, Sanchez
COCONUTS—85 bgs, Mayon Co, Borinquen, San Juan
70 bgs, Universal Import & Export Co, Puerto Rico, Mayaguez
COCONUT, DESIC—1,338 cs, Durkee Famous Food, Hulda Maersk, Manila
COD OIL, STEARIN—30 bbls, President Roosevelt, Hamburg
COLORS—1 cs, General Shipping & Trading Co, Deutschland, Hamburg
1 cs, Hamilton Forwarding Co, Deutschland, Hamburg
3 cs, E H Friedrichs, Henri Jasper, Antwerp
CERAMIC—2 cs, B F Drakenfeld & Co, Scythia, Liverpool
DRY—4 bbls, Robinson Wagner Co, Deutschland, Hamburg
8 cs, 7 bbls, A Hurst & Co, Deutschland, Hamburg
80 cks, C J Osborn & Co, Blommersdijk, Rotterdam
7 bbls, 3 cs, M Grumbacher, Blommersdijk, Rotterdam
EARTH—59 cks, Reichard Coulston & Co, Weser, Bremen
10 cks, C B Chrystal & Co, Black Eagle, Rotterdam
22 cks, Baltic Shipping Co, Noordam, Rotterdam
50 cks, Titan Shipping Co, Blommersdijk, Rotterdam
28 cks, Mineral Pigment Corp, Blommersdijk, Rotterdam
PASTEL—1 cs, M Grumbacher, Blommersdijk, Rotterdam
PIGMENT—95 jugs, General Dyestuff Corp, Blommersdijk, Rotterdam
COPAIBA BALSAM—30 cs, G Uhe Co, Polycarp, Manaos
CORIANDER SEED—400 bgs, Gran, Casablanca
CORK—40 bls, Bennestoet, Lisbon
2 bls, Hinrichs & Pearsell, Gran, Lisbon
BOARD—30 bls, Armstrong Cork Co, Exminster, Djidjelli
40 bls, Wicander & Co, Exminster, Djidjelli
DISCS—51 bls, Crown Cork & Seal Co, Gran, Lisbon
SHAVINGS—837 bls, Chase Natl Bank, Bennestoet, Lisbon
322 bls, Noordam, Rotterdam
300 bls, Gran, Lisbon
WASTE—1,656 bls, Armstrong Cork Co, Bennestoet, Lisbon
940 bls, Manufacturers Trust Co, Bennestoet, Lisbon
6 bls, A Hurst & Co, Bennestoet, Lisbon
7,687 bls, Mundet Cork Co, Bennestoet, Lisbon
659 bls, Wicander & Co, Gran, Lisbon
WOOD—25 bls, Armstrong Cork Co, Bennestoet, Lisbon
70 bls, Bennestoet, Lisbon
63 bls, Mundet Cork Co, Bennestoet, Lisbon
5,820 bls, Exminster, Djidjelli
28 bls, Wicander & Co, Gran, Lisbon
260 bls, Chase Natl Bank, Gran, Lisbon
20 bls, Hinrichs & Pearsell, Gran, Lisbon
200 bls, Chase Natl Bank, Gran, Lisbon
934 bls, Gran, Lisbon
COTTON LINTERS—3,394 bls, Chase Natl Bank, Leonidas Z Cambanis, Novorossisk
943 bls, First Natl Bank, Bonheur, Santos
CRESOL—10 kgs, Monsanto Chem Co, American Importer, Liverpool
15 kgs, Monsanto Chem Co, Scythia, Liverpool
CUBE ROOT—520 bls, Wessel, Duval & Co, Bonheur, Iquitos
1 bl, Bonheur, Iquitos
CUTTLEFISH BONES—90 cs, Grau, Marseilles
CYANIDE, PRECIP—24 cs, South Amer Development Co, Santa Barbara, Guayaquil
DECOLORIZING CARBON—26 dms, Merck & Co, Blommersdijk, Rotterdam
DERRIS CHIPS—1,070 bgs, Naruto, Iloilo
POWDERED—300 bgs, Naruto, Iloilo
200 bgs, R J Prentiss & Co, Naruto, Iloilo
DEXTRIN—30 bls, Penson & Co, President Roosevelt, Hamburg
100 bgs, Morningstar-Nicol, Noordam, Rotterdam
POTATO—100 bgs, Stein, Hall & Co, Noordam, Rotterdam
DRUGS—2 cs, Europa, Bremen
DYES, ALIZARIN—90 cks, 40 cans, General Dyestuff Corp, Westerniand, Antwerp
2 cs, 223 cks, 84 dms, 219 jugs, General Dyestuff Corp, Blommersdijk, Rotterdam
68 cks, General Dyestuff Corp, Noordam, Rotterdam
ANILIN—15 dms, L & R Organic Prod Co, Queen Mary, Southampton
52 pkgs, Ciba Co, Queen Mary, Basle
68 dms, Carbic Color & Chem Co, Queen Mary, Basle
12 dms, L & R Organic Prod Co, Ragnhild, Rotterdam
5 dms, Sandoz Chem Works, Noordam, Rotterdam
7 dms, Sandoz Chem Works, Blommersdijk, Rotterdam
4 dms, L & R Organic Prod Co, San Jose, Havre
54 cks, Geigy Co, San Jose, Havre
686 cks, 3 dms, General Dyestuff Corp, Westerniand, Antwerp
40 dms, Nora Chem Corp, Terukawa, Kobe
8 jugs, 480 cks, 261 dms, General Dyestuff Corp, Blommersdijk, Rotterdam
1 cs, 399 cks, 12 dms, General Dyestuff Corp, Noordam, Rotterdam
EPHEDRA—134 bls, Irving Trust Co, Naruto, Tientsin
155 bls, Brown Bros-Harrimann Co, Naruto, Tientsin
FERTILIZER, NITRATE PHOSPHATE—400 bgs, Synthetic Nitrogen Product Corp, Black Eagle, Rotterdam
FILTER COMP—100 bls, A W Fenton & Co, Deutschland, Hamburg
65 bls, H Reifenberg, Deutschland, Hamburg
MASS—300 bls, A W Fenton & Co, Weser, Bremen
PAPER—35 cs, Weser, Bremen
12 bls, J E Bernard & Co, Deutschland, Hamburg
10 cs, H Reeve, Angel & Co, American Trader, London
FIRE CLAY—56 dms, Morganite Brush Co, American Trader, London
15 bgs, Robin Adair, Port Elizabeth
FISH MEAL—2,000 bgs, Mitsui & Co, Noto, Kobe
FLAXSEED—6,664 tons, 206,560 bus, Archer-Daniels-Midland Co, Chr Sass, Concepcion
FLORAL WATER—25 crbys, Magnus, Mabee & Reynard Gran, Marseilles
FLUORSPAR—1,440 tons, Gran, St Raphael
200 bgs, Hummel Chem Co, Independence Hall, Bordeaux
FOAM COMP—5 dms, Pyrene Mfg Co, American Banker, London
FUR WASTE—27 bls, Corn Exchange Bank, Ragnhild, London
GAMBIER—255 cs, L Littlejohn & Co, Greystoke Castle, Asahan
255 cs, L Littlejohn & Co, Eskbank, Belawan
GELATIN—25 cs, Dingelstedt & Co, Weser, Bremen
1 cs, Paul Puttmann, Deutschland, Hamburg
10 cs, Dingelstedt & Co, Deutschland, Hamburg
POWDERED—42 bbls, Deutschland, Hamburg
34 dms, 35 kegs, 5 bbls, T M Duche & Sons, Blommersdijk, Rotterdam
SHEET—25 cs, T M Duche & Sons, Blommersdijk, Rotterdam
GINGERINE—4 cs, Orbis Product Corp, American Banker, London
GLASS, PLATE—1 cs, American Express Co, Deutschland, Hamburg
WINDOW—150 cs, Black Eagle, Antwerp
1 cs, Semon, Bache & Co, Black Eagle, Antwerp
3,055 cs, Banque Belge pour l'Etranger, Black Eagle, Antwerp
750 cs, Petrocelli Bensse Rogers, Black Eagle, Antwerp
982 cs, Chase Natl Bank, Black Eagle, Antwerp
22 cs, W J Byrnes & Co, Deutschland, Hamburg
7,601 cs, Henry Jasper, Antwerp
21 cs, S G Cole, Henry Jasper, Antwerp
256 cs, Langlotz & Co, Birmania, Leghorn
7 cs, Semon, Bache & Co, Black Hawk, Antwerp
GLUE—31 cs, Rex & Reynolds, Independence Hall, Bordeaux
DRY—167 bgs, Deutschland, Hamburg
GLYCERIN—1 car, Procter & Gamble Co, Seatrain, New Orleans, Havana
2 cars, Colgate-Palmolive-Peet Co, Seatrain, New Orleans, Havana
GRAPHITE—20 bbls, E Faber Pencil Co, Deutschland, Hamburg
479 bgs, National City Bank, City of Wellington, Colombo
250 bgs, Bank of Manhattan, City of Wellington, Colombo
276 bgs, Bank of Manhattan, City of Adelaide, Colombo
2,800 bgs, Asbury Graphite Mills, Terukawa, Fusan
700 bgs, Mitsui & Co, Naruto, Fusan
GREASE, VEGETABLE—11 bbls, Deutschland, Hamburg
WOOL—60 dms, American Importer, Liverpool
GUM—20 bgs, 10 cs, Weser, Bremen
10 cs, Peek & Velsor, Steel Engineer, Aden
8 cs, R J Prentiss & Co, Steel Engineer, Aden
24 cs, S B Penick & Co, Steel Engineer, Aden
ARABIC—150 bgs, Paul A Dunkel & Co, Macharda, Port Sudan
150 bgs, R E Miller, Macharda, Port Sudan
50 bgs, Frank Vliet Co, Macharda, Port Sudan
50 bgs, Frank Vliet, City of Wellington, Port Sudan
225 cs, S B Penick & Co, City of Wellington, Port Sudan
750 bgs, Thurston & Braidich, City of Wellington, Port Sudan

GUM, ARABIC—150 bgs, National Adhesive Corp, City of Adelaide, Port Sudan
200 bgs, Thurston & Braidich, City of Adelaide, Port Sudan
300 bgs, Innis, Speiden & Co, City of Adelaide, Port Sudan
250 bgs, Paul A Dunkel & Co, City of Adelaide, Port Sudan
150 bgs, France, Campbell & Darling, City of Adelaide, Port Sudan
50 bgs, Frank Vliet Co, City of Adelaide, Port Sudan
CHICLE—2 bls, Chicle Development Co, Antigua, Puerto Barrios
2,730 bls, Mexican Exploitation Co, Orizaba, Vera Cruz
COPAL—20 bgs, Gillespie-Rogers-Pyatt Co, Black Eagle, Antwerp
350 bgs, O G Innes Corp, Henri Jasper, Antwerp
100 bgs, G W S Patterson & Co, Henri Jasper, Antwerp
100 bgs, Stroock & Wittenberg, Henri Jasper, Antwerp
98 bgs, S Winterbourne & Co, Henri Jasper, Antwerp
40 bgs, France, Campbell & Darling, Henri Jasper, Antwerp
200 bgs, Stroock & Wittenberg, Hulda Maersk, Manila
150 bgs, Gillespie-Rogers-Pyatt Co, Black Hawk, Antwerp
100 bgs, American Cyanamid & Chem Co, Black Hark, Antwerp
DAMMAR—140 bgs, G W S Patterson & Co, Greystoke Castle, Singapore
140 bgs, 50 cs, Gillespie-Rogers-Pyatt Co, Greystoke Castle, Singapore
50 cs, Chase Nat'l Bank, Greystoke Castle, Singapore
210 bgs, 50 cs, O G Innes Corp, Greystoke Castle, Singapore
50 cs, W H Scheel, Greystoke Castle, Singapore
KAURI—112 cs, Gillespie-Rogers-Pyatt Co, City of Glasgow, Auckland
80 bgs, 15 cs, City of Glasgow, Auckland
LOCUST BEAN—50 bgs, Royal Bank of Canada, Birmania, Genoa
31 bgs, Stein Hall & Co, Birmania, Genoa
TRAGACANTH—192 cs, President Roosevelt, Hamburg
GYPSUM—500 bgs, C B Chrystal & Co, Weser, Bremen
5,850 tons, W S Gypsum Co, Gypsum Empress, Windsor
HEMPSEED MEAL—400 bgs, Mitsubishi-Shoji-Kaisha, Naruto, Dairen
HERBS, MEDICINAL—23 bgs, Black Eagle, Antwerp
HOOFS—230 bgs, Geck Trading Corp, Seatrain, New Orleans, Havana
HOPS—20 bls, Atlantic Forwarding Co, Black Eagle, Antwerp
9 bls, Deutschland, Hamburg
2 bls, American Express Co, Deutschland, Hamburg
20 bls, Globe Shipping Co, Black Hawk, Antwerp
INDIGO—143 cks, 3 dms, General Dyestuff Corp, Blommersdijk, Rotterdam
INK, PRINTING—32 cs, J E Mandlik, Deutschland, Hamburg
IRISH MOSS—20 bls, Peek & Velsor, San Jose, Havre
IRON, ORE—224 bgs, 12 dms, Reichard Coulston, American Importer, Liverpool
30 bgs, American Trader, London
OXIDE—200 bbls, Reichard Coulston, Laura C, Malaga
84 bbls, J Lee Smith & Co, Laura C, Malaga
100 bgs, American Importer, Liverpool
25 cks, J Lee Smith & Co, Blommersdijk, Rotterdam
25 cks, Chemical & Color Co, Blommersdijk, Rotterdam
70 cks, C J Osborn & Co, Blommersdijk, Rotterdam
50 cks, T H Deutz, Blommersdijk, Rotterdam
40 cks, Robinson Wagner Co, Blommersdijk, Rotterdam
40 cks, Stanley-Doggett, Blommeradijk, Rotterdam
83 cks, 667 bgs, J Lee Smith & Co, Blommersdijk, Rotterdam
234 cks, Reichard-Coulston, Blommersdijk, Rotterdam
20 cks, 5 kgs, J A McNulty, Scythia, Liverpool
10 cks, Whittaker, Clark & Daniels, Scythia, Liverpool
ISINGLASS—10 cs, National Carloading Corp, American Trader, London
JUNIPER BERRIES—50 bgs, Knickerbocker Mills Co, Birmania, Leghorn
207 bgs, Birmania, Leghorn
KYANITE ORE—217 bgs, Macharda, Calcutta
LARKSPUR SEED—6 bgs, Gran, Marseilles
LEAVES, MEDICINAL—14 bls, Gran, Seville
LECITHIN—3 cs, G Asabora, Naruto, Dairen
LICORICE ROOT—276 bgs, W E Martin, Bennestoet, Izmir
LIME JUICE—10 cs, Gran, Marseilles
LIVERMEAL—560 bgs, Guaranty Trust Co, City of Glasgow, Bluff
LUPULIN—2 cs, Deutschland, Hamburg
MABI BARK—11 bgs, C M Negron Co, Borinquen, San Juan
MACE—58 cs, B H Old & Co, Noordam, Rotterdam
19 cs, B H Old & Co, Blommersdijk, Rotterdam
MAGNESIA—1 crate, Schofield-Donald & Co, American Importer, Liverpool
CALCINED—50 cs, Schofield-Donald & Co, American Importer, Liverpool
CARBONATE—30 cs, 75 cks, Schofield-Donald & Co, American Importer, Liverpool
20 bgs, Scythia, Liverpool
MAGNESITE—50 cs, Williams & Wells Co, Valencia, Bremen
CALCINED—25 bgs, Speiden, Whitfield Co, Blommersdijk, Rotterdam
MANGROVE BARK—2,223 bgs, Robin Adair, Dar Salaam
EXTRACT—1,000 bgs, Greystoke Castle, Singapore
MANIOCMEAL—499 bgs, Stein, Hall & Co, Eskbank, Sourabaya
505 bgs, Stein, Hall & Co, Eskbank, Semarang

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MATCHES, SAFETY—200 conts, Guaranty Trust Co, President Roosevelt, Hamburg
2,000 cnts, N Y Match Co, Vingaren, Gothenburg
MEDICINAL PREPS—3 cs, Burroughs, Wellcome & Co, American Banker, London
5 cs, Laura C, Palermo
23 cs, Oakland Chem Co, Borinquen, San Juan
3 cs, Burroughs, Wellcome & Co, American Trader, London
50 cs, Noordam, Rotterdam
MENTHOL—30 cs, Bridges, Neumer & Co, Hulda Maersk, Shanghai
30 cs, Corn Exchange Bank, Naruto, Otaru
METAL LEAF—6 cs, Phoenix Shipping Co, Deutschland, Hamburg
METHYLPOLYETHANOLAMINE—6 cks, General Aniline Works, Black Eagle, Rotterdam
METHYLTAURIN—126 dms, General Aniline Works, Blommersdijk, Rotterdam
MICA—6 cs, R F Downing & Co, American Banker, London
77 cs, Gillespie-Rogers-Pyatt Co, Macharda, Calcutta
7 cs, Brown Bros-Harrimann Co, American Trader, London
17 cs, American Trader, London
19 cs, Philadelphia National Bank, City of Adelaide, Calcutta
23 cs, Guaranty Trust Co, City of Adelaide, Calcutta
44 cs, Gillespie-Rogers-Pyatt Co, City of Adelaide, Calcutta
71 cs, City of Adelaide, Calcutta
27 cs, Western Prince, Buenos Aires
25 cs, Western Prince, Rio de Janeiro
BLOCK—71 cs, Steel Engineer, Calcutta
30 cs, Irving Trust Co, Macharda, Calcutta
40 cs, Macharda, Calcutta
25 cs, City of Wellington, Calcutta
DISC—6 cs, Steel Engineer, Calcutta
2 cs, E Munsell & Co, City of Wellington, Calcutta
FILM—12 cs, Steel Engineer, Calcutta
6 cs, E Munsell & Co, City of Wellington, Calcutta
7 cs, City of Wellington, Calcutta
PLATES—2 cs, E Munsell & Co, City of Wellington, Calcutta
SPLITTING — 54 cs, Gillespie-Rogers-Pyatt Co, Steel Engineer, Calcutta
125 cs, Steel Engineer, Calcutta
18 cs, Guaranty Trust Co, Macharda, Calcutta
125 cs, Macharda, Calcutta
44 cs, City of Wellington, Calcutta
180 cs, General Electric Co, City of Adelaide, Calcutta
MOLYBDENUM—2 bbls, American Cyanamid & Chem Co, Deutschland, Hamburg
MUSTARD SEED—200 bgs, American Banker, London
200 bgs, C Gulden, Exminster, Palermo
300 bgs, C Gulden, Black Condor, Rotterdam
280 bgs, Naruto, Tientsin
MYROBALANS—2,800 bgs, City of Wellington, Bombay
2,000 pockets, City of Adelaide, Calcutta
EXTRACT—730 bgs, International Product Corp, City of Flint, Hull
NAPHTHALENE—320 bgs, F R Bertrand, Robin Adair, Durban
1,250 bgs, Black Hawk, Rotterdam
1,500 bgs, Black Hawk, Antwerp
NIGER SEED—236 bgs, City of Adelaide, Calcutta
NUTGALLS—84 bgs, City of Wellington, Port Said
25 bgs, Exminster, Beyrouth
195 bgs, Melchers, Inc, Hulda Maersk, Hongkong
NUX VOMICA—2,000 pockets, Barber & S Co, American Banker, London
OAK MOSS—117 bls, Birmania, Fiume
OIL, ANISE—5 dms, Dodge & Olcott Co, Eskbank, Hongkong
10 dms, Bingham & Co, Hulda Maersk, Hongkong
10 dms, Dodge & Olcott Co, Crown City, Hongkong
CAMPHOR—10 dms, Ungerer & Co, Noto, Yokohama
10 dms, Givaudan Delawanna, Noto, Yokohama
5 dms, A Verley, Noto, Yokohama
12 dms, Magnus, Mabee & Reynard, Noto, Yokohama
25 dms, New York Trust Co, Naruto, Yokohama
10 dms, Irving Trust Co, Naruto, Yokohama
12 dms, Chase National Bank, Naruto, Yokohama
20 dms, Naruto, Yokohama
CASSIA — 10 dms, Melchers, Inc, Hulda Maersk, Hongkong
CHINAWOOD — 610 tons, Bank of China, Hulda Maersk, Hongkong
547 tons, Bank of China, Crown City, Hongkong
CINNAMON LEAF—24 dms, R C Treatt & Co, American Banker, London
CITRONELLA—10 dms, Magnus, Mabee & Reynard, Greystoke Castle, Batavia
6 dms, Greystoke Castle, Batavia
COCONUT—380 tons, Pacific Vegetable Oil Co, Greystoke Castle, Cebu
525 tons, Hulda Maersk, Manila
COD—69 dms, Atlas Refinery, Manaqui, St John's
52 cks, Fred W Damon, Manaqui, St John's
CODLIVER — 269 dms, Brown Bros-Harrimann Co, Black Eagle, Antwerp
269 dms, C T Smith, Black Eagle, Antwerp
CORN—76,336 kilos, Corn Product Refining Co, Black Eagle, Rotterdam
418 dms, Corn Product Refining Co, Mormacstar, Santos
COTTONSEED—160 tons, Rio Verde, Natal
799 tons, Mormacstar, Santos
CROTON—5 cs, Magnus, Mabee & Reynard, Deutschland, Hamburg
ESSENTIAL—2 cs, American Banker, London
21 dms, 3 cs, Rex, Genoa
7 cs, Queen Mary, Southampton
7 cs, Noordam, Rotterdam
2 cs, Blommersdijk, Rotterdam
9 cs, San Jose, Havre
43 cs, 7 dms, Gran, Marseilles
FISH—3 cs, S B Penick & Co, American Trader, London
FISH LIVER—24 dms, Consumers Import Co, Noto, Yokohama
FUEL—115,000 bbls, Standard Oil Co of N J, Esso New Orleans, Aruba
FUSEL—7 dms, C P Chemical Solvents, Puerto Rico, Ponce
HO—11 dms, E Coupey, Noto, Kobe
LAVENDER — 7 dms, American Banker, London
LEMON—10 hlf cs, Heidelbach, Ickelheimer & Co, Laura C, Messina
LEMONGRASS—4 dms, Volkart Bros, City of Wellington, Colombo
6 dms, City of Wellington, Port Sudan
LINALOE—3 bbls, Imperial Chemical Industries, City of Wellington, Madras
LINSEED—25 dms, Black Eagle, Rotterdam
LUBRICATING—105 dms, Webbal Service, Black Eagle, Antwerp
35 dms, Black Hawk, Antwerp
MINERAL—500 dms, Heemsoth-Kerner Corp, Deutschland, Hamburg
35 dms, Henri Jasper, Antwerp
NAPHTHENIC—1 dm, Socony Vacuum Oil Co, Birmania, Trieste
OITICICA—255 dms, Polycarp, Ceara
OLIVE—39 cs, Laura C, Messina
100 dms, Leghorn Trading Co, Laura C, Malaga
OIL, OLIVE—44 cs, Laura C, Palermo
230 cs, Laura C, Algiers
60 dms, C A Smith, Laura C, Algiers
75 dms, Laura C, Seville
10 dms, National Bank of Greece, Bennestoet, Piraeus
25 dms, Ionian Bank, Bennestoet, Piraeus
100 cs, Gran, Seville
133 cs, Gran, Marseilles
25 dms, Magnus, Mabee & Reynard, Gran, Nice
200 bbls, Gran, Nice
4,590 cs, 75 dms, Birmania, Genoa
4,492 cs, 50 dms, Birmania, Leghorn
50 dms, Lekas & Drivas, Birmania, Leghorn
5 dms, Latorraca Bros, Birmania, Leghorn
ORANGE—61 bgs, S B Penick & Co, Ancon, Cristobal
17 dms, D Bacon, Scythia, Liverpool
5 dms, Gran, Marseilles
PALM—56 dms, Balfour, Guthrie & Co, Black Eagle, Rotterdam
18 dms, Blommersdijk, Rotterdam
50 dms, Balfour, Guthrie & Co, Black Condor, Rotterdam
PALMKERNEL—15 dms, E M Sergeant Pulp & Chem Co, Blommersdijk, Rotterdam
PATCHOULI—5 cs, Volkart Bros, Greystoke Castle, Singapore
PEANUT—312 tons, Mitsubishi-Shoji-Kaisha, Terukawa, Tsingtao
PEPPERMINT—29 cs, Ragnhild, London
PERILLA — Quantity, Mitsubishi - Shoji-Kaisha, Naruto, Dairen
Quantity, Mitsui & Co, Naruto, Dairen
Quantity, Bank of California Natl Assn, Naruto, Dairen
ROSEWOOD—12 dms, Polycarp, Para
6 dms, Polycarp, Manaos
SESAME—25 dms, I R Boody & Co, Blommersdijk, Rotterdam
TEASEED—100 dms, Bank of Manhattan, Hulda Maersk, Hongkong
25 dms, East Asiatic Co, Hulda Maersk, Shanghai
420 dms, Hulda Maersk, Shanghai
200 dms, Leghorn Trading Co, Hulda Maersk, Shanghai
SYNTHETIC—34 cs, Lo Curto & Funk, Ragnhild, Rotterdam
ORANGE PEEL—40 bls, Laura C, Messina
ORRISROOT—50 bgs, Birmania, Leghorn
ORTHO XYLENE—3 jugs, Blommersdijk, Rotterdam
PAPAIN—7 half chests, Macharda, Colombo
28 half chests, Dodwell & Co, Macharda, Colombo
13 cs, S B Penick & Co, Eskbank, Colombo
PAPRIKA—196 bgs, Weser, Bremen
125 bgs, Van Loan & Co, President Roosevelt, Hamburg
125 bgs, Avery F Payne & Co, President Roosevelt, Hamburg
50 bgs, B Fischer & Co, President Roosevelt, Hamburg
68 bgs, P H Petry & Co, President Roosevelt, Hamburg
25 bgs, New York Trust Co, President Roosevelt, Hamburg
25 bgs, M Kuezor & Co, President Roosevelt, Hamburg
58 bgs, R F Downing & Co, President Roosevelt, Hamburg
PATCHOULI LEAVES — 104 bls, Eskbank, Singapore
PEATMOSS—7,950 bls, Weser, Bremen
650 bls, Halfmoon Mfg & Trading Co, Noordam, Rotterdam
3,755 bls, C K Ketzel, Noordam, Rotterdam
1,500 bls, 100 half bls, Premier Peatmoss Corp, Noordam, Rotterdam
50 bls, Penson & Co, Noordam, Rotterdam
250 bls, Noordam, Rotterdam
950 bls, Half Moon Mfg & Trading Co, Blommersdijk, Rotterdam
200 half bls, 500 bls, Premier Peatmoss Corp, Blommersdijk, Rotterdam
500 bls, New Amsterdam Import & Supply Co, Valencia, Bremen
9,360 bls, Valencia, Bremen
PEPPER, BLACK — 1,422 bgs, Greystoke Castle, Oosthaven
WHITE—83 bgs, Greystoke Castle, Batavia
PEPTONE—1 cs, Deutschland, Hamburg
PETROLEUM, CRUDE—9,368 tons, Standard Oil Co of N J, Albert L Ellsworth, Caripito
2,975 tons, Standard Oil Co of N J, Albert L Ellsworth, Guiria
65,175 bbls, Cities Service Oil Co, Hadnot, Las Piedras
95,000 bbls, Standard Oil Co of N J, Esso Bolivar, Aruba
103,527 bbls, Standard Oil Co of N J, W G Warden, Guiria
65,796 bbls, Standard Oil Co of N J, Leda, Guiria
74,280 bbls, Asiatic Petroleum Corp, Malabar, Las Piedras
PITCH, COALTAR—123 dms, Wedemann & Godknecht, Weser, Bremen
STEARIN—22 dms, American Importer, Manchester
PLANT DRIED—12 bls, S B Penick & Co, Deutschland, Hamburg
POPPYSEED—1 cs, Merck & Co, American Banker, London
100 bgs, M Witsenburg, Noordam, Rotterdam
100 bgs, Levy & Levis Co, Noordam, Rotterdam
100 bgs, Blommersdijk, Rotterdam
100 bgs, M Witsenburg, Blommersdijk, Rotterdam
PLASTER—2,250 tons, Newark Plaster Co, Polarland, Weldon
POTASH, CHLORATE — 2,075 dms, Uniform Chem Prod Co, Weser, Bremen
2,500 dms, Uniform Chem Prod Co, Deutschland, Hamburg
3,846 dms, Uniform Chem Prod Co, Blommersdijk, Rotterdam
253 dms, Charles Hardy, Henri Jaspar, Antwerp
100 bbls, Innis, Speiden & Co, Vingaren, Gothenburg
MURIATE—200 bgs, N V Potash Export Mij, San Jose, Antwerp
PERCHLORATE—200 cs, Robinson Wagner Co, Vingaren, Gothenburg
SALT—39 kgs, American Banker, London
PUMICE, ARTIF—30 cs, C B Chrystal & Co, Weser, Bremen
18 cs, A Hurst & Co, Blommersdijk, Rotterdam
PUTTY—25 cs, C H Moulton, Blommersdijk, Rotterdam
PYRETHRUM FLOWERS—450 bls, Robin Adair, Mombasa
120 bls, Robin Adair, Dar Salaam
50 bls, Chase Natl Bank, Naruto, Kobe
QUEBRACHO EXTRACT—1,084 bgs, Tannin Corp, Western Prince, Buenos Aires
RAPESEED—5 bgs, American Express Co, Ragnhild, London
199 bgs, Western Prince, Buenos Aires
RHUBARB—12 cs, Peek & Velsor, Hulda Maersk, Shanghai
RICE FLOUR—500 bgs, Deutschland, Hamburg
RUBBER, SYNTH—65 bxs, Advance Solvents & Chem Co, Blommersdijk, Rotterdam
SABADILLA SEED—189 bgs, Astrea, Maracaibo
SAFFRON FLOWERS—1 cs, J J Garvin & Co, Rex, Genoa
1 cs, San Jose, Havre
SAGO FLOUR—1,142 bgs, Stein, Hall & Co, Greystoke Castle, Singapore
367 bgs, Greystoke Castle, Singapore
8,000 bgs, W R Grace & Co, Eskbank, Singapore
420 bgs, Eskbank, Singapore
SALT—52 cs, Scythia, Liverpool
SALTPETER—250 bgs, Weser, Bremen
SAWDUST—536 bgs, State Chem Co, Blommersdijk, Rotterdam
250 bgs, Blommersdijk, Rotterdam
SHELLAC—750 bgs, E E Androvette, Steel Engineer, Calcutta
400 bgs, 50 cs, Steel Engineer, Calcutta
1,025 bgs, A Hurst & Co, Macharda, Calcutta
700 bgs, 175 cs, Guaranty Trust Co, Macharda, Calcutta
200 bgs, National City Bank, Macharda, Calcutta
200 bgs, 25 cs, Irving Trust Co, Macharda, Calcutta
300 bgs, E E Androvette, Macharda, Calcutta
325 bgs, Philadelphia Natl Bank, Macharda, Calcutta
1,450 bgs, Wm Zinsser & Co, Macharda, Calcutta
100 cs, Brown Bros Harrimann Co, Macharda, Calcutta
400 bgs, Ralli Bros, Macharda, Calcutta
250 bgs, Macharda, Calcutta
150 bgs, Wm Zinsser & Co, City of Wellington, Calcutta
200 bgs, Ralli Bros, City of Wellington, Calcutta
27 bgs, 17 cs, A Hurst & Co, Blommersdijk, Rotterdam
200 bgs, Philadelphia Natl Bank, City of Adelaide, Calcutta
75 bgs, Wm Zinsser & Co, City of Adelaide, Calcutta
100 bgs, Ralli Bros, City of Adelaide, Calcutta
GARNET—130 bgs, Wm Zinsser & Co, City of Adelaide, Calcutta
100 bgs, E E Androvette, City of Adelaide, Calcutta
SEEDLAC—200 bgs, E E Androvette, Steel Engineer, Calcutta
200 bgs, Gillespie Rogers Pyatt Co, Steel Engineer, Calcutta
503 bgs, Steel Engineer, Calcutta
1,600 bgs, Guaranty Trust Co, Macharda, Calcutta
100 bgs, Bank of London South America, Macharda, Calcutta
400 bgs, Ralli Bros, Macharda, Calcutta
400 bgs, Wm Zinsser & Co, Macharda, Calcutta
400 bgs, Macharda, Calcutta
100 bgs, Ralli Bros, City of Wellington, Calcutta
500 bgs, Ralli Bros, City of Adelaide, Calcutta
850 bgs, Guaranty Trust Co, City of Adelaide, Calcutta
SIENNA—100 cks, 100 bgs, J Lee Smith & Co, Birmania, Leghorn
8 cks, Landers Segal Color Co, Birmania, Leghorn
178 bgs, Reichard Coulston, Birmania, Leghorn
SILICA—10 bgs, Robin Adair, Port Elizabeth
SILICIOUS EARTH—678 bgs, C B Chrystal & Co, Weser, Bremen
SKIN WASTE—6 bls, Ragnhild, London
SOAP—8 cs, R F Downing & Co, Queen Mary, Southampton
BASE—47 cs, Yardley & Co, American Banker, London
141 cs, Yardley & Co, American Trader, London
SADDLE—125 cs, Solomon & Phillips, American Trader, London
STEARIC ACID—8 cs, Yardley & Co, American Trader, London
TOILET—2 cs, S S Stiner, American Trader, London
SODA, ARSENATE—15 kegs, Philipp Bros, Scythia, Liverpool
BENZOATE—9 bbls, Monsanto Chem Co, American Banker, London
CHLORATE—1 ck, Blommersdijk, Rotterdam
CYANIDE—1,500 dms, American Cyanamid & Chem Co, Blommersdijk, Rotterdam
ETHYLTRITHIOCARBONATE — 5 dms, Hazelside, Vancouver
FLUORIDE—26 cks, Jungmann & Co, Blommersdijk, Rotterdam
SOLVENTS—400 dms, C P Chemical Solvents, Puerto Rico, Ponce
SPONGES—23 cs, D C Andrews & Co, American Banker, London
26 bls, J De May, Ragnhild, London
STARCH, POTATO—250 bgs, Stein-Hall & Co, Black Eagle, Rotterdam
RICE, POWD—112 bbls, Stein-Hall & Co, Black Eagle, Antwerp
100 cks, Habicht Braun & Co, Valencia, Bremen
50 bbls, Stein-Hall & Co, Black Hawk, Antwerp
STRONTIUM CHLORIDE—40 kegs, Robinson, Wagner Co, Scythia, Liverpool
SULPHORICINOLEATE—70 dms, Wedemann & Godknecht, Deutschland, Hamburg
SULPHUR, PRECIP—15 cks, Scythia, Liverpool
SUMAC—350 bgs, Laura C, Palermo
TALC—150 bgs, Hummel & Gillespie, Independence Hall, Bordeaux
1,000 bgs, French Line, San Jose, Havre
200 bgs, Whittaker, Clark & Daniels, Birmania, Genoa
1,000 bgs, Charles Mathieu, Birmania, Genoa
300 bgs, Birmania, Leghorn
200 bgs, L A Salomon & Bros, Independence Hall, Bordeaux
1,150 bgs, Whittaker, Clark & Daniels, Independence Hall, Bordeaux
TALLOW, VEGETABLE—470 bls, L Stern & Son, Noto, Shanghai
TANKAGE—1,120 bgs, City of Glasgow, Napier
500 bgs, City of Glasgow, Auckland
1,340 bgs, Wessel, Duval & Co, Start Point, Montevideo
5,658 bgs, Start Point, Montevideo
2,290 bgs, Mormacstar, Santos
TAPIOCA FLOUR—485 bgs, American Cyanamid & Chem Co, Greystoke Castle, Batavia
452 bgs, Morningstar Nicol, Greystoke Castle, Pasoeroean
2,206 bgs, Chase Natl Bank, Greystoke Castle, Pasoeroean
1,503 bgs, Greystoke Castle, Pasoeroean
2,240 bgs, Eskbank, Pasoeroean
4,076 bgs, Stein, Hall & Co, Eskbank, Cheribon
540 bgs, Chase Natl Bank, Eskbank, Cheribon
1,445 bgs, Stein, Hall & Co, Eskbank, Batavia
11,215 bgs, Balfour, Guthrie & Co, Eskbank, Pamanoekan
728 bgs, Eskbank, Cheribon
6,000 bgs, Corn Product Refg Co, Leif, Porto Plata
TARTAR—400 bgs, Laura C, Naples
200 bgs, J P Morgan & Co, Gran, Lisbon
460 bgs, Standard Brands, Gran, Marseilles
229 bgs, Charles Pfizer & Co, Gran, Marseilles
300 bgs, Standard Brands, Birmania, Venice
TEAWASTE—1,484 bgs, Citro Chem Co, Macharda, Calcutta
2,000 bgs, Citro Chem Co, City of Adelaide, Calcutta
100 bgs, Maywood Chem Works, City of Adelaide, Calcutta
THYME LEAVES—20 bls Gran, Marseilles
TIMBO ROOT—420 bgs, Polycarp, Para
TINCTORIAL EXTRACT—100 cs, American Dyewood Co, President Roosevelt, Hamburg
TONKA BEANS—20 cs, Rio Verde, Para
TUBA ROOT—64 bls, C Tennant Sons & Co, Greystoke Castle, Singapore
TUCUM KERNELS—11,941 bgs, General Food Corp, Polycarp, Tutoya

VALONIA—1,700 bgs, J A Barkey, Bennestoet, Izmir
VANILLA BEANS—21 cs, San Jose, Havre
13 cs, Guaranty Trust Co, San Jose, Havre
VARNISH—4 cs, F L Kraemer & Co, Weser Bremen
WATER, MINERAL—365 cs, Birmania, Genoa
180 cs, Weser, Bremen
25 cs, American Banker, London
130 cs, R C Williams & Co, American Trader, London
30 cs, Valencia, Bremen
231 cs, American French Agency, San Jose, Havre
950 cs, E & J Burke, Gran, Marseilles
WATERGLASS LIQUID—2 cns, General Shipping & Trading Co, Deutschland, Hamburg
WAX—320 bgs, Barber S S Co, American Banker, London
BEES—17 bgs, W M Allison & Co, Bennestoet, Lisbon
7 seroons, J W Lyon, Astrea, Curacao
325 bgs, Bennestoet, Lisbon
6 bgs, Schutte & Focke, Borinquen, Trujillo
11 bgs, Curacao Trading Co, Borinquen, Trujillo
80 bgs, Carr Bros, Borinquen, Trujillo
24 bgs, Olavarria & Co, Oriente, Havana
40 bgs, Oriente, Havana
24 bgs, D Steengrafe, Veragua, Havana
53 bgs, Veragua, Havana
24 bgs, Olavarria & Co, Orizaba, Vera Cruz
16 bgs, Schutte & Focke, Leif, Trujillo
4 bgs, Porcella, Vicini & Co, Leif, Trujillo
20 seroons, Porcella, Vicini & Co, Leif, Puerto Plata
46 blocks, 43 pkgs, Gran, Lisbon
236 pkgs, Bank of London South America, Gran, Lisbon
195 blocks, J W Elwell & Co, Gran, Lisbon
97 blocks, Chase Natl Bank, Gran, Lisbon
5 bgs, Porcella, Vicini & Co, San Jacinto, Puerto Plata
80 bgs, Western Prince, Santos
CARNAUBA—69 bgs, Chase Natl Bank, Polycarp, Bahia
139 bgs, Strohmeyer & Arpe Co, Polycarp, Tutoya
188 bgs, Smith & Nichols, Polycarp, Tutoya
1 pkg, O H Barnett, Polycarp, Tutoya
280 bgs, Strohmeyer & Arpe Co, Polycarp, Ceara
168 bgs, Smith & Nichols, Polycarp, Ceara
56 bgs, Strahl & Pitsch, Polycarp, Ceara
33 bgs, Innis, Speiden & Co, Polycarp, Ceara
56 bgs, Chase Natl Bank, Polycarp, Ceara
44 bgs, 1 pkg, S C Johnson Son, Polycarp, Ceara
78 bgs, W R Grace & Co, Polycarp, Ceara
33 bgs, Lenape Trading Co, Polycarp, Ceara
112 bgs, W M Allison & Co, Polycarp, Ceara
101 bgs, Polycarp, Ceara
34 bgs, Polycarp, Camocim
69 bgs, Chase Natl Bank, Rio Verde, Bahia
55 bgs, W R Grace & Co, Rio Verde, Natal
MINERAL—50 bgs, Strohmeyer & Arpe Co, American Banker, London
30 bgs, American Trader, London
40 cks, 527 bgs, General Dyestuff Corp, Blommersdijk, Rotterdam
MONTAN—280 bgs, Strohmeyer & Arpe Co, Deutschland, Hamburg
263 bgs, Innis, Speiden & Co, President Roosevelt, Hamburg
2,250 bgs, Strohmeyer & Arpe Co, President Roosevelt, Hamburg
OZOKERITE—75 bgs, Strahl & Pitsch, Deutschland, Hamburg
VEGETABLE—50 bgs, Mecke & Co, Ancon, Cristobal
100 cs, Mitsui & Co, Huzikawa, Kobe
100 cs, Guaranty Trust Co, Noto, Mozi
100 cs, Mitsubishi-Shoji-Kaisha, Noto, Mozi
WOOLFAT—15 cs, Phoenix Shipping Co, Deutschland, Hamburg
58 cs, Th Goldschmidt Corp, Blommersdijk, Rotterdam
WHITING—1,000 bgs, 1 cs, Henri Jasper, Antwerp
WHORTLE BERRIES—1 bbl, Carolina Thorden, Kotka
WITHERITE—53 tons, City of Flint, Hull
WOODFLOUR—300 bgs, State Chem Co, Blommersdijk, Rotterdam
YEAST, BREWERS—760 bgs, Deutschland, Hamburg
PASTE—500 cs, Volkart Bros, Weser, Bremen
ZINC CHLORIDE—20 dms, American Cyanamid & Chem Co, Black Eagle, Antwerp
25 dms, Philip Bauer Co, Black Hawk, Antwerp
56 dms, American Cyanamid & Chem Co, Black Hawk, Antwerp
OXIDE—5 bgs, Yardley & Co, American Trader, London
25 cks, African Metal Corp, Blommersdijk, Rotterdam
90 bbls, Innis, Speiden & Co, Henri Jasper, Antwerp

New York Transit Imports

COLORS—20 cks, Reichard Coulston, Blommersdijk, Rotterdam, Canada
GLASS, SHEET—519 cs, Perry Hardware Co, Black Eagle, Antwerp, Lexington, Ohio
WINDOW—20 cs, Naruto, Yokohama, Buffalo
MOLASSES—644,943 gls, Commercial Molasses Corp, Castana, Matanzas, Albany
759,021 gls, Commercial Molasses Corp, Castana, Cienfuegos, Albany
OIL, CHINAWOOD—400 tons, Spencer Kellogg & Sons, Eskbank, Hongkong, Buffalo
PALM—200,113 kilos, Wilson & Co, Black Eagle, Rotterdam, Chicago
PAPAIN—234 cs, American Ferment Co, Eskbank, Colombo, Buffalo
PEATMOSS—300 bls, Eelsnigh & Lugtigheid, Black Eagle, Rotterdam, Grand Rapids
300 bls, Eelsnigh & Lugtigheid, Noordam, Rotterdam, Grand Rapids
POTASH SULPHOCYANIDE—45 kgs, Scythia, Liverpool, Rochester
SPONGES—14 bls, Orizaba, Vera Cruz, Toronto
VALONIA EXTRACT—254 bgs, Tannin Corp, Bennestoet, Izmir, Kitchener, Ont
254 bgs, Tannin Corp, Bennestoet, Izmir, Hastings, Ont

Baltimore Imports

ACID, OXALIC—40 csks, McKeesport, Hamburg
BARIUM HYDRATE—56 csks, Quaker City, Liverpool
CHROME ORE—280 tons, Phila Nat Bank, West Isleta, Lourenco Marques
CLAY—100 cs, McKeesport, Bremen
FISH MEAL—1,810 bgs, Mormacrey, Buenos Aires
FULLER'S EARTH—150 bgs, L A Salomon & Bros, McKeesport, London
IRON ORE—21,800 tons, Bethlehem Steel Co, Lebore, Cruz Grande
7,488 tons, Leo J Buck, Luossa, Narvik
11,000 tons, Bethlehem Steel Co, Cubore, Felton
OXIDE—30 bgs, Quaker City, Liverpool
MANGANESE ORE—1,000 tons, Mathura, Calcutta
3,604 tons, West Isleta, Durban
OIL, COCONUT—501 tons, First National Bank, Steel Traveler, Manila
CODLIVER—25 dms, Quaker City, Liverpool
OLIVE—159 cs, Exiria, Leghorn
PEATMOSS—2,193 bls, McKeesport, Hamburg
QUEBRACHO EXTRACT—5,750 bgs, Mormacrey, Buenos Aires
5,143 bgs, Tannin Corp, Mormacrey, Buenos Aires
RED EARTH—250 bgs, McKeesport, Bremen
SARDINE MEAL—15,600 bgs, Yamaura, Kobe
SEAWEED, DRIED—20 bgs, 1 bl, Quaker City, Liverpool
SIENNA—50 bgs, Exiria, Leghorn
TANKAGE—700 bgs, Mormacrey, Montevideo
1,638 bgs, 2,878 cakes, Mormacrey, Buenos Aires
TUBA ROOT—50 bls, Silveryew, Batavia
VALONIA EXTRACT—711 bgs, Exiria, Piraeus
WATTLE BARK—479 bgs, Tannin Corp, West Isleta, Durban

Boston Imports

ACID, CRESYLIC—15 dms, 3 tons, 9 cwts, 1 qtr, 16 lbs, Scythia, Liverpool
PEANUT OIL—138 dms, Bilderdijk, Rotterdam
ALBUMEN, BLOOD—10 csks, 2,542 lbs, Ulm, Hamburg
BARYTES—400 bgs, 44,092 lbs, Birmania, Genoa
551 bgs, 55,115 lbs, Wishnick-Tumpeer, Birmania, Genoa
300 bgs, C J Osborn & Co, Birmania, Venice
BASIC SLAG—2,000 bgs, 200,001 lbs, H J Baker & Bros, Black Eagle, Antwerp
BAUXITE ORE—1,216,939 lbs, Black Eagle, Rotterdam
BONE MEAL—552 bgs, 56,114 lbs, Wilmington Packing Co, Black Eagle, Antwerp
BRISTLES—3 cs, 429 lbs, Evangeline, St John, N B
BRONZE POWDER—10 dms, 2 cs, T D Downing Co, Ulm, Bremen
CELERY SEED—10 bgs, 2,205 lbs, Irwin Harrisons Whitney, Excalibur, Marseilles
CHEMICALS—7 csks, 106 dms, 50,920 lbs, Chemical Marketing Co, Ulm, Hamburg
100 csks, 100 bgs, Ulm, Bremen
72 csks, 9,374 lbs, Dr F A Kertess, Black Eagle, Rotterdam
455 dms, 500 dmjbns, 384,041 lbs, Black Eagle, Rotterdam
100 csks, 155 dms, 118,409 lbs, Advance Solvents & Chemical Co, Black Eagle, Rotterdam
50 dms, 125 csks, 100,087 lbs, Black Eagle, Rotterdam
CINNAMON—25 pkgs, Volkart Bros, City of Adelaide, Colombo
COCONUTS—75 bgs, Lady Drake, St Lucia
COLOR, DRY—3 cs, Croxall Chemical & Supply Co, Scythia, Liverpool
DEXTRIN, POTATO—50 bgs, 11,023 lbs, Stein, Hall & Co, Black Eagle, Rotterdam
FISH LIVERS—1 bx, J A Rich, Evangeline, Yarmouth
GLACE, GROUND—100 bgs, C B Crystal Co, Bilderdijk, Rotterdam
GLASS, WINDOW—1,395 cs, 110,274 lbs, American Express Co, Black Eagle, Antwerp
GLUESTOCK, HIDE—336 bgs, 32 tons, First National Bank, Scythia, Liverpool
388 bgs, 30 tons, Atlantic Gelatine Co, Scythia, Liverpool
GLYCERIN, SAPONIFICATION—31 dms, 30,423 lbs, Macharda, Port Said
GUM, ARABIC—150 bgs, 33,440 lbs, American Cyanamid & Chemical Corp, City of Adelaide, Port Sudan
50 bgs, 11,243 lbs, Bank of the Manhattan, Macharda, Port Sudan
INDUSTRIAL—20 cks, 4,961 lbs, Excalibur, Marseilles
25 cks, 6 tons, 40 cwt, 2 qrs, J P Marston Co, Scythia, Liverpool
LOCUST BEAN—35 bgs, 7,972 lbs, Birmania, Genoa
32 bgs, 7,288 lbs, Excalibur, Genoa
GYPSUM—1,200 bgs, Ulm, Bremen
HERBS—49 bls, Birmania, Trieste
3 cs, 602 lbs, World Freight Co, Black Eagle, Antwerp
MAGNESITE—200 bgs, Bilderdijk, Rotterdam
MICA, SHEET—3 cs, 88 lbs, Macallen & Co, Start Point, Rio de Janeiro
SPLITTINGS—100 cs, Guaranty Trust Co, Macharda, Calcutta
23 cs, National City Bank, Macharda, Calcutta
75 cs, Macharda, Calcutta
175 cs, Guaranty Trust Co, City of Adelaide, Calcutta
25 cs, Philadelphia National Bank, City of Adelaide, Calcutta
52 cs, Gillespie Rogers Pyatt Co, City of Adelaide, Calcutta
MOWRAH MEAL—80 bgs, 7,990 lbs, Black Eagle, Antwerp
MYROBALAN EXTRACT—100 bgs, 5 tons, Scythia, Liverpool
OCHER—400 bgs, 30 cks, 38,510 lbs, Reichard Coulston, Excalibur, Marseilles
OIL, NEATSFOOT—50 trcs, 24,306 lbs, Start Point, Buenos Aires
PAPRIKA—75 bgs, 8,406 lbs, Ulm, Hamburg
PEATMOSS—1,000 bls, L E Page, Ulm, Bremen
200 bls, Atkins & Durbrow, Ulm, Bremen
4,200 bls, Ulm, Bremen
50 half bls, Premier Peatmoss Co, Bilderdijk, Rotterdam
300 bls, L E Page Co, Bilderdijk, Rotterdam
250 bls, Halfmoon Mfg & Trading Co, Bilderdijk, Rotterdam
PEPPER, WHITE—81 bgs, Singkep, Tandjong-Priok
PETROLEUM, CRUDE—65,545 bbls, 9,878 tons, Colonial Beacon Oil Co, Thomas H Wheeler, Las Piedras
POPPYSEED—50 bgs, Catz American Co, Bilderdijk, Rotterdam
QUEBRACHO EXTRACT—14,168 bgs, 1,535,602 lbs, American Tanners, Start Point, Buenos Aires
800 bgs, 87,042 lbs, International Products Corp, Mormacstar, Buenos Aires
5,219 bgs, 647,506 lbs, Tannin Corp, Mormacstar, Buenos Aires
SAGE, LEAVES—56 bls, Birmania, Trieste
SAGO FLOUR—362 bgs, Industerial Trust Co, Singken, Singapore
SALTPETER—100 bgs, 22,046 lbs, Schodak, Dunkirk
SEA MOSS—2 kgs, 248 lbs, Chittenden, Turner & Co, Scythia, Liverpool
SHELLAC—20 cs, J H Schroeder Banking Corp, Ulm, Hamburg
150 bgs, Grace National Bank, City of Wellington, Calcutta
100 bgs, National City Bank, Macharda, Calcutta
100 bgs, J Henry Schroeder Banking Corp, Macharda, Calcutta
300 bgs, Bank of Manhattan, Macharda, Calcutta
45 cs, 10 bgs, J Henry Schroeder Banking Corp, Bilderdijk, Rotterdam
SEEDLAC—1,400 bgs, Philadelphia National Bank, Macharda, Calcutta
100 bgs, City of Adelaide, Calcutta
SOAP—75 cs, 2,925 lbs, Conti Products Corp, Excalibur, Leghorn
TOILET—1 cs, American Express Co, Scythia, Liverpool
SODA, HYDROSULPHITE—20 kgs, 1 ton, 2 cwts, 16 lbs, Lever Bros, Scythia, Liverpool
STARCH, CHEMICALLY TREATED—1,500 bgs, Bilderdijk, Rotterdam
POTATO—250 bgs, Bilderdijk, Rotterdam
TALC—275 bgs, 60,626 lbs, Whittaker, Clark & Daniels, Birmania, Genoa
200 bgs, 44,092 lbs, Charles Mathieu, Birmania, Genoa
TANKAGE—1,000 bgs, 110,230 lbs, H J Baker & Bros, Start Point, Buenos Aires
1,016 bgs, 111,994 lbs, Charles Hollinshed Co, Start Point, Montevideo
1,000 bgs, 110,230 lbs, Start Point, Montevideo
TAPIOCA FLOUR—300 bgs, Singkep, Batavia
2,206 bgs, Industrial Trust Co, Eskbank, Pasoeroean
1,654 bgs, Minute Tapioca Co, Eskbank, Pasoeroean
1,103 bgs, Eskbank, Pasoeroean
255 bgs, First National Bank, Eskbank, Cheribon
272 bgs, Eskbank, Cheribon
TRICHLORETHYLENE—25 dms, Bilderdijk, Rotterdam
WAX, MONTAN—1,500 bgs, 231,483 lbs, Strohmeyer & Arpe, Ulm, Hamburg

Gloucester Imports

CODLIVER OIL CAKE—220 bbls, 44,000 lbs, from Nova Scotia
FISH LIVERS, HALIBUT—4 bbls, 800 lbs, from Nova Scotia
OIL, CODLIVER—361 dms, 18,050 gls, from Nova Scotia

Houston Imports

BONE CHAR DUST, SPENT—250 bgs, Cardonia, Havana
CHEMICALS—20 kgs, Kellerwald, Hamburg
GASOLINE—8,516 bbls, Hagan, San Pedro
MOLASSES—1,500,000 gls, Comol Rico, Honolulu
PAPRIKA—50 bgs, Kellerwald, Hamburg
PEPPER, RED—10 bgs, Kellerwald, Hamburg
PEATMOSS—550 bls, Kellerwald, Bremen
PETROLEUM, CRUDE—35,870 bbls, R W McIlvain, Tuxpam
DERIVATIVE, LIQUID—10 dms, Kellerwald, Hamburg
QUEBRACHO EXTRACT—390 bgs, Delsud, Buenos Aires

Los Angeles Imports

AGAR AGAR—1,330 lbs, Kiyokawa, Kobe
AMMONIA PHOSPHATE—1,500 bgs, 150,080 lbs, Kingsley, Trail
SULPHATE—1,500 bgs, 150,080 lbs, Kingsley, Trail
AMMONIATED PHOSPHATE—3,000 bgs, 358,400 lbs, Black Heath, Belgium
ANTIMONY ORE—85,000 lbs, from Eguala
APRICOT KERNELS—160 lbs, President Pierce, Hongkong
ARSENIC, WHITE, POWD—93 dms, 41,010 lbs, Leme, Marseilles
COCOA BEANS—3,470 lbs, President Pierce, Colombo
COCONUTS—200 bgs, 28,000 lbs, Dinteldijk, Morant Bay
COCONUT DESIC—1,010 cs, 126,000 lbs, President Pierce, Manila
2,416 cs, 311,510 lbs, Tai Ping, Manila
COPRA MEAL—6,000 bgs, 600,000 lbs, Tai Ping, Manila
COTTON LINTERS—59 bls, 28,160 lbs, West Cactus, Sao Paulo
DRUGS, CRUDE—270 lbs, President Pierce, Hongkong
DYE, HAIR—300 lbs, Asakasan, Yokohama
FISH LIVERS, FROZEN—111 pkgs, 4,440 lbs, Kiyokawa, Japan
257 tins, 10,280 lbs, President Pierce, Japan
50 pkgs, 2,000 lbs, Asakasan, Japan
75 tins, 3,000 lbs, Asakasan, Yokohama
MEAL—2,000 bgs, 199,360 lbs, Asakasan, Kobe
2,000 bgs, 200,000 lbs, Asakasan, Japan
GINGER ROOT—4,940 lbs, Dinteldijk, Kingston
GLASS, ROLLED—44 cs, 32,470 lbs, Black Heath, Brussels
SHEET—306 cs, 30,250 lbs, Black Heath, Brussels
47 cs, 13,410 lbs, Tacoma, Brussels
MACE—1,240 lbs, Hoegh Silverlight, Macassar
MARMITE EXTRACT—2,240 lbs, Dinteldijk, London
MEDICINAL PREPS—130 lbs, Amagisan, Kobe
20 lbs, Terukawa, Osaka
NUTMEGS—2,000 lbs, West Cactus, Port Spain
OIL, CODLIVER—25 dms, 5,620 lbs, from Bergen
ESSENTIAL—20 lbs, from Marseilles
OLIVE—75 dms, 33,980 lbs, Leme, Malaga
50 dms, 22,600 lbs, from Malaga
PEANUT—360 lbs, President Pierce, Hongkong
VEGETABLE—1,360 lbs, Kiyokawa, Shanghai
ORANGE PEEL—80 lbs, President Pierce, Hongkong
PAPRIKA—75 bgs, 8,250 lbs, Portland, Budapest
75 bgs, 8,250 lbs, City of Baltimore, Budapest
3,300 lbs, from Budapest
PEATMOSS—2,350 bls, 323,540 lbs, Portland, Bremen
PEPPER, WHITE—5 pkgs, 1,130 lbs, from Straits Settlements
QUEBRACHO EXTRACT—436 bgs, 45,740 lbs, West Cactus, Buenos Aires
SALTPETER—40 cks, 22,050 lbs, Portland, Hamburg
SCHEELITE ORE—310 bgs, 23,240 lbs, from Ensenada
SIENNA—6,810 lbs, Leme, Leghorn
SOAP, SADDLE—620 lbs, Dinteldijk, London
TOILET—80 lbs, Yamaura, Kobe
STARCHES—160 lbs, President Pierce, Hongkong
TANKAGE—3,000 bgs, 302,400 lbs, West Cactus, Sao Paulo
1,019 bgs, 124,100 lbs, Hauraki, Christchurch
2,000 bgs, 200,000 lbs, Hauraki, Melbourne
TAPIOCA FLOUR—6,990 lbs, President Pierce, Hongkong
TOILET PREPS—6 lbs, Asakasan, Yokohama

Mobile Imports

BAUXITE ORE, CRUSHED & DRIED—2,147 tons, Bestum, Paramaribo
2,169 tons, Moyra, Paramaribo
MANGANESE ORE—6,200 tons, Fjordheim, Santiago

New Orleans Imports

BAUXITE ORE—2,875 tons, Aluminum Ore Co, Sorvangen, Paramaribo
2,055 tons, Aluminum Ore Co, Dalvangen, Paramaribo
845 tons, Aluminum Ore Co, Dalvangen, Port of Spain
BONE FLOUR—1,544 sx, Spaarndam, Rotterdam
MEAL—5,590 sx, Spaarndam, Antwerp
CHEMICALS—632 dms, Advance Solvents & Chemical Corp, Spaarndam, Rotterdam
CHALK—2,000 sx, Spaarndam, Antwerp
COCONUTS—50 sx, Barclays Bank, Cadmus, Kingston
COPRA—22 sx, J Lloveras, Cefalu, Ceiba
GLASS, WINDOW—1,100 cs, I C Railroad, Spaarndam, Antwerp
989 cs, Spaarndam, Antwerp
GUM, CHICLE—275 sx, Wm Wrigley Jr, Tegucigalpa, Tampico
LITHOPONE—900 csks, Texas Transport & Terminal Co, Spaarndam, Rotterdam
OIL, LUBRICATING—130 dms, Spaarndam, Antwerp
PEATMOSS—2,800 bls, Premier Peat Moss Corp, Spaarndam, Rotterdam
875 bls, Marine Midland Trust Co, Spaarndam, Rotterdam
1,100 bls, Spaarndam, Rotterdam

Norfolk Imports

BLOOD, DRIED—1,820 bgs, 199,957 lbs, Wilson & Co, Grangepark, Buenos Aires
1,000 bgs, 110,231 lbs, Ashcraft, Wilkinson Co, Atlanta, Ga, Grangepark, Buenos Aires
1,078 bgs, Buenos Aires, Rio de Janeiro
1,087 bgs, Buenos Aires, Buenos Aires
BONES—1,371 bgs, Buenos Aires, Buenos Aires
MANUFACTURING—1,082 bgs, 137,414 lbs, Grangepark, Montevideo
CHROME CUTTINGS—50 bls, 23 tons, H J Baker & Bros, Buenos Aires, Rosario, Arg
FERTILIZER—1,084 bgs, Buenos Aires, Rosario, Arg
FISH MEAL—1,334 bgs, 147,056 lbs, Grangepark, Buenos Aires
QUEBRACHO EXTRACT—1,018 bgs, 110,708 lbs, American Tanners, Grangepark, Buenos Aires
1,912 bgs, 207,695 lbs, American Tanners, Grangepark, Buenos Aires
SAGO FLOUR—366 bgs, Guaranty Trust Co, N Y, Muncaster Castle, Singapore
SHELLAC—183 bgs, Commercial Natl Bk & Trust Co, N Y, Deebank, Calcutta
SODA, NITRATE—8,910 tons, Guaranty Trust Co, N Y, Lerwick, Tocopilla, Chile
TANKAGE—604 bgs, 66,128 lbs, H J Baker & Bros, Grangepark, Buenos Aires
1,500 bgs, 159,375 lbs, Jos C Jett & Co, Grangepark, Buenos Aires
1,917 bgs, 89 tons, Chemical Product Corp, Cincinnati, Buenos Aires, Rosario, Arg
1,807 bgs, 89 tons, Kentucky Chemical Industring, Cincinnati, Buenos Aires, Rosario, Arg
1,016 bgs, 111,994 lbs, Chas Hollinshed Co, N Y, Buenos Aires, Montevideo
907 bgs, 99,979 lbs, Armour & Co, Buenos Aires, Montevideo
2,000 bgs, Buenos Aires, Santos
TAPIOCA FLOUR—250 bgs, Chase Natl Bk of N Y, Muncaster Castle, Cheribon

Philadelphia Imports

ALUMINUM, RAW—244 bgs, Schodack, Havre
BONES, CRUSHED—12 bgs, Black Tern, Antwerp
MEAL—4,000 bgs, Black Tern, Rotterdam
CHALK—376 bgs, McKeesport, Hamburg
500 tons, Taintor & Co, Schodack, Dunkirk
CHEMICALS—1,000 bgs, Industrial Sales Corp, Black Tern, Antwerp
60 csks, 22 bgs, Chemical Marketing Co, Black Tern, Antwerp
1,300 dms, International Carloading Co, Black Tern, Antwerp
934 bgs, Black Tern, Rotterdam
77 bgs, Sterling Supply Co, Black Tern, Rotterdam
175 bgs, Wasgenwald, Bremen via Hamburg
1,042 csks, Advance Solvents & Chemical Co, Wasgenwald, Hamburg
20 csks, Wasgenwald, Hamburg
CLAY, PIPE—12 cs, Laing Harrar & Chamberlain, Inc, Quaker City, Liverpool
COCOA BEANS—6,000 bgs, Neischlag & Co, Rio Verde, Bahia
3,000 bgs, National City Bank, Rio Verde, Bahia
2,000 bgs, Guaranty Trust Co, Rio Verde, Bahia
7,756 bgs, Afram Trading Co, Wasgenwald, Hamburg
1,600 bgs, Mattawin, Accra
13,200 bgs, Bankers Trust Co, Mattawin, Accra
1,600 bgs, Guaranty Trust Co, Mattawin, Accra
800 bgs, Bank of Manhattan, Mattawin, Accra
6,400 bgs, Banque Canadianne Nationale, Mattawin, Accra
1,813 bgs, Philadelphia National Bank, Mattawin, Winnebah
1,813 bgs, Philadelphia National Bank, Mattawin, Saltpond
13,500 bgs, Superintendence Co, Mattawin, Grand Bassam
1,447 bgs, Mattawin, Grand Bassam
4,513 bgs, Cie Francais D'Afrique Occidental, Mattawin, Port Bouet
1,500 bgs, Societe Commerciale de W Afrique, Mattawin, Grand Lahou
COCONUTS, DESIC—260 cs, Wilbur, Ellis & Co, Kyusyu, Davao
CORK—6,791 bls, 3 bls, Armstrong Cork Co, Extavia, Casablanca
WASTE—225 bls, Exminster, Djidjelli
DRUGS—2 cs, John A Steer & Co, Wasgenwald, Hamburg
FISH MEAL—1,000 bgs, Mitsui & Co, Kano, Kobe
FULLER'S EARTH—100 bgs, L A Salomon & Bros, McKeesport, London
GINGER ROOT—298 bls, Quaker City, Liverpool
GLASS, WINDOW—4 cs, Black Tern, Liverpool
GUM, COPAL SIFTINGS—100 bgs, O G Innes Corp, Black Tern, Antwerp
GYPSUM, CRUDE—3,800 tons, U S Gypsum Co, Gypsum King, Windsor
HERRING MEAL—2,025 bgs, Skeldergate, New Westminster
HOPS—20 bls, Adolphe Hurst & Co, Black Tern, Antwerp
MEAKIN MEAL—3,000 bgs, Mitsubishi Shoji Kaisha, Keno, Kobe
MUSTARD SEED—300 bgs, Amer Bluefriesveen, Wasgenwald, Hamburg
NAPHTHALENE—2,500 bgs, John H Faunce, Black Tern, Rotterdam
OIL, CODLIVER—99 bbls, 210 dms, McKeesport, Hamburg
CORN—126,898 kilos, Black Tern, Antwerp
101,000 kilos, Black Tern, Rotterdam
78 dms, Quaker City, Belfast
100 csks, Henry A Wampole & Co, Wasgenwald, Hamburg
LUBRICATING—65 dms, Webal Service Co, Black Tern, Antwerp
MINERAL—25 dms, Atlantic Refining Co, Schodack, Havre
PALM—59 dms, Balfour, Guthrie & Co, Mattawin, Abohema via Takoradi
OSSEIN—5,307 bgs, Black Tern, Antwerp
OXIDE, RED—80 bbls, F B Vandegrift & Co, Extavia, Malaga
PAPRIKA—100 bgs, R T French Co, Wasgenwald, Hamburg
PEAT, DUST—140 bls, New Amsterdam Import & Supply Co, Quaker City, Glasgow
200 bls, Woodward & Dickerson, Black Tern, Rotterdam
1,350 bls, Wasgenwald, Hamburg
PETROLEUM, CRUDE—98,130 bbls, Gulf Oil Corp, Gulfcrest, Las Piedras
75,426 bbls, Gulf Oil Corp, Mirlo, Las Piedras
SARDINE MEAL—1,000 bgs, Mitsui & Co, Kano, Kobe
SESAME SEED—80 bgs, Tela, Puerto Barrios
SHELLAC—2,000 bgs, Steel Engineer, Calcutta
200 bgs, E E Androvette, Steel Engineer, Calcutta

SODA SILICOFLUORIDE—150 bgs, Pioneer Import Co, McKeesport, Hamburg
400 bgs, Pioneer Import Co, Wasgenwald, Hamburg
SULPHATE—1,411 bgs, McKeesport, Bremen
WATER, MINERAL—140 cs, Cooper Supply Co, Schodack, Havre
WAX, OZOKERITE—60 bgs, Kuhne, Libby & Co, Wasgenwald, Bremen

Portland, Ore., Imports

COPRA—200 tons, El Dorado Oil Works, Horda, Romblon
1,100 tons, El Dorado Oil Works, Horda, Gasan
269 tons, El Dorado Oil Works, Horda, Cagayan
431 tons, El Dorado Oil Works, Horda, Cebu
FERTILIZER, UREA—100 sks, Wilson & George Meyer & Co, Este, Antwerp
GLASS, WINDOW—353 cs, Wyoming, Antwerp
HOPS—10 cs, Star Brewery Co, Seattle, Hamburg
OIL, MINERAL—65 dms, Kuhne Libby Co, Este, Hamburg
PAPRIKA, GROUND—15 cks, Wadhams & Co, Este, Bremen
PEATMOSS—450 bls, Peat Import Corp, Este, Bremen
SILVERSAND—150 tons, Balfour, Guthrie & Co, Wyoming, Antwerp
SUPERPHOSPHATE—900 sks, Wyoming, Antwerp

San Francisco Imports

ACID, CITRIC—8 cs, Maunalei, Honolulu
544 cs, Luriine, Honolulu
AGAR AGAR—5 bls, Mitsui & Co, Asakasan, Kobe
10 bls, Francis S Sakamaki Co, Kiyokawa, Kobe
ALCOHOL, ETHYL — 100 dms, Manulani, Honolulu
100 dms, Manoa, Honolulu
50 dms, Bank of California, N A, Hoegh Silverlight, Manila
AMMONIA SULPHATE—4,480 sks, Best Fertilizer Co, Dinteldijk, Rotterdam (for Oakland)
BRISTLES—2 cs, Philadelphia National Bank, President Pierce, Haiphong
9 cs, Guaranty Trust Co of N Y, President Pierce, Haiphong
CALCIUM TARTRATE — 203 sks, Bank of California, President Harrison, Marseilles
CANARY SEED—256 sks, Yamabiko, Buenos Aires
CARAWAY SEED—50 sks, McClintock-Stern Co, Dinteldijk, Rotterdam
50 sks, C M Volkman Co, Dinteldijk, Rotterdam
CASSIA—300 bls, President Pierce, Hongkong
150 bls, Frank Tea & Spice Co, President Pierce, Hongkong
CHALK—1,099 sks, Falsterbo, Antwerp (for Oakland)
CHILLIES—100 sks, S L Jones & Co, Asakasan, Kobe
50 sks, S L Jones & Co, Kiyokawa, Kobe
CHINA CLAY—250 sks, Balfour, Guthrie & Co, Dinteldijk, Rotterdam
CLOVES—39 sks, B C Ireland, Hoegh Silverlight, Saparoea
12 sks, Sino Java Hvg, Hoegh Silverlight, Saparoea
COCOA BEANS—50 sks, H M Newhall & Co, President Pierce, Colombo
75 sks, Henry W Peabody & Co, President Pierce, Colombo
COCONUT, DESIC—894 cs, 827 sks, J E Lowden, President Pierce, Manila
305 cs, M S Cowen Co, President Pierce, Manila
1,425 cs, Durkee Famous Foods, President Pierce, Manila
867 pkgs, General Foods Sales Co, President Pierce, Manila
546 cs, Balfour, Guthrie & Co, President Pierce, Manila
200 sks, 375 cs, Houston Terminal Warehouse & Cold Storage Co, President Pierce, Manila
1,150 cs, A H Morse & Co, President Pierce, Manila
2,050 cs, Wood & Selick, President Pierce, Manila
COLORS, EARTH—5 cks, Reichard-Coulston, Tacoma, Bremen
COPRA—5,074 sks, Admiral Halstead, Guam
785 tons, El Dorado Oil Works, Admiral Halstead, Tacloban (for Oakland)
1,907 tons, El Dorado Oil Works, Admiral Halstead, Borongan (for Oakland)
300 tons, El Dorado Oil Works, Admiral Halstead, Legaspi (for Oakland)
DENTIFRICE—1 cs, Tambara & Co, Kiyokawa, Yokohama
EPSOM SALT—10 cs, American Factors, Dinteldijk, London
FERTILIZER, UREA—2,000 sks, Wilson & George Meyer & Co, Tacoma, Antwerp
FILTER MASS—50 bls, Bauer-Schweitzer Hop & Malt Co, Tacoma, Bremen
GINGER ROOT—20 cs, Manulani, Hilo
60 pkgs, President Pierce, Hongkong
168 sks, Mincing Trading Corp, Dinteldijk, Kingston
128 sks, Dinteldijk, Kingston
GLASS, WINDOW—7 cs, Falsterbo, Antwerp (for Oakland)
161 cs, Falsterbo, Antwerp
10 cs, H B Mills Co, Tacoma, Antwerp
448 cs, Smight Glass Co, Tacoma, Antwerp (for Oakland)
GUM, COPAL—135 bskts, Hoegh Silverlight, Macassar (for Oakland)
83 bskts, D Hecht & Co, Hoegh Silverlight, Macassar
272 bskts, Hoegh Silverlight, Macassar
DAMMAR—50 cs, Hoegh Silverlight, Padang
142 sks, Henry W Peabody & Co, Hoegh Silverlight, Macassar
73 sks, South China Trading Co, Hoegh Silverlight, Macassar
HONEY—507 cs, Manulani, Port Allen
INK—2 cs, Yue Wo Co, President Pierce, Hongkong
INSECTICIDE—2 cs, Murakawa Co, Asakasan, Kobe
MACE—39 cs, B C Ireland, Hoegh Silverlight, Macassar
16 cs, B C Ireland, Hoegh Silverlight, Banda
MEDICINAL PREPS—1 cs, Mutual Supply Co, Asakasan, Kobe
3 cs, Fung Chong, President Pierce, Hongkong
35 pkgs, Sun On Chong Co, President Pierce, Hongkong
81 pkgs, Tin Bow Tong, President Pierce, Hongkong
15 cs, Fook Wo Tong Co, President Pierce, Hongkong
1 cs, Tambara & Co, Kiyokawa, Yokohama
MOLASSES—1,010 tons, Maunalei, Honolulu
8,000,000 lbs, Makaweli, Honolulu
1,600,000 lbs, Manoa, Honolulu
OIL, COCONUT—500 tons, Philippine Refining Corpn N Y, Hoegh Silverlight, Manila
579 tons, Philippine Refining Corpn N Y, Hoegh Silverlight, Cebu
CODLIVER—25 dms, McKesson & Robbins, Canada, Hull
FISH—5 dms, Mitsui & Co, Asakasan, Yokohama
LINSEED, BOILED—30 dms, C J Hendry Co, Dinteldijk, Rotterdam
LINSEED, RAW—10 dms, C J Hendry Co, Dinteldijk, Rotterdam
OLIVE—350 csks, Parodi Erminio & Co, President Harrison, Genoa
PAINT, BLACK, DRY—9 bbls, Dinteldijk, Rotterdam
PEANUTS, SHELLED—250 sks, President Pierce, Manila
PEATMOSS—200 bls, Peat Import Corpn, Tacoma, Bremen
300 bls, Peat Import Corpn, Tacoma, Bremen (for Oakland)
100 bls, Wilson & George Meyer & Co, Canada, Gothenburg
2,359 bls, Wilson & George Meyer & Co, Canada, Copenhagen
50 bls, Wilson & George Meyer & Co, Canada, Copenhagen (for Oakland)
1,000 bls, Citizens National Trust & Savings Bank, Canada, Copenhagen
1,000 bls, H M Newhall & Co, Dinteldijk, Rotterdam (for Oakland)
PEPPER, BLACK—375 sks, A J Fuller & Co, Hoegh Silverlight, Oosthaven
PERILLA SEED—6,670 sks, Mitsubishi- Shoji-Kaisha, Kiyokawa, Dairen
PIMENTO—200 sks, Dinteldijk, Kingston
SESAME SEED—35 sks, P I Brawley, President Pierce, Hongkong
11 sks, L L Raymer Co, President Pierce, Hongkong
200 sks, American Commerce Co, President Pierce, Hongkong
SOAP—13 cs, American Import Co, President Harrison, Marseilles
TOILET—1 cs, Maison Mendesolle, City of Baltimore, Havre
SOYBEAN FLOUR—20 cs, Dinteldijk, London
TALLOW—7 bbls, Manulani, Kahului
TAPIOCA FLOUR—500 sks, Rutger, Bleecker & Co, Hoegh Silverlight, Tjilatjap
SEED—300 sks, Hoyt, Shepston & Sciaroni, Hoegh Silverlight, Sourabaya (for Oakland)
SIFTINGS—25 sks, D Hecht & Co, Hoegh Silverlight, Batavia
TOILET PREPS—1 cs, Mutual Supply Co, Asakasan, Kobe
2 cs, Tambara & Co, Kiyokawa, Yokohama
WAX, BEES—20 cs, Manulani, Kahului
WHITING, BOLTED—210 sks, Canada, Copenhagen (for Oakland)

Savannah Imports

CALCIUM NITRATE—8,950 bgs, Toledo, Heroen
771,300 kilos, Toledo, Heroen
CASTORMEAL—10,390 bgs, Schoharie, Antwerp
PEATMOSS—500 bls, Schoharie, Bremen
100 bls, Schoharie, Hamburg
RAPESEED—220 bgs, Schoharie, Hamburg
SAGO FLOUR—2,215 bgs, Muncaster Castle, Singapore
SODA NITRATE—7,569,200 kilos, Mariston, Antofagasta
12,000,400 kilos, Grayburn, Tocopilla

Seattle Imports

GLASS, WINDOW—233 cs, Wyoming, Antwerp
FERTILIZER, UREA—50 sks, Wilson & George Meyer & Co, Este, Antwerp
PEATMOSS—200 bls, Peat Import Corp, Este, Bremen
SUPERPHOSPHATE—4,070 sks and 304,800 kilos, Wyoming, Antwerp

Tacoma Imports

GLASS, WINDOW—4 cs, H Maran, Este, Antwerp
HOPS—5 bls, Bode & Voigt, Seattle, Hamburg

Exports from U.S. Ports

New York Exports

Clearance Dates

American Farmer, April 14; American Merchant, April 8; American Shipper, April 7; Aquitania, April 15; Astri, April 12; Atlantida, April 14; Ayuruoca, April 11; Azuma, April 15; Banaderos, April 8; Batory, April 8; Bremen, April 14; Browning, April 15; Caledonia, April 11; California, March 28; Chinese Prince, April 11; Chiriqui, March 29; City of Hereford, April 8; City of Kimberley, April 8; City of Tokio, April 12; Columbus, April 11; Consuelo, April 11; Conte Savoia, April 7; De Grasse, April 17; Excambion, April 7; Executive, April 6; Gerolstein, April 14; Hansa, April 19; Havana, April 13; Hird, April 15; Jenny, April 14; Leif, April 13; Lossiebank, April 6; Margaret, April 17; Mathilda Thorden, April 4; Musa, March 24; Nako, April 11; New York, April 17; Norefjord, April 18; Oslofjord, April 14; Panuco, April 15; Paris, April 8; Pastores, April 14; Pennland, April 7; Platano, April 14; President Harding, April 12; Queen Mary, April 7; Quirigua, April 12; Rydboholm, April 8; Santa Rosa, April 13; Sagadahoc, April 1; Saturnia, April 14; Scanmail, March 25; Scanpenn, April 8; Sorholt, April 8; St Louis, April 12; Stavangerfjord, April 8; Steel Scientist, April 4; Svaneholm, April 12; Tai Shan, March 30; Talamanca, April 5; Toronto City, April 14; Uruguay, April 7; Veendam, April 7; Veragua, April 8

ACETANILID—2,260 lbs, Chiriqui, Porto Colombia
ACETONE—1,656 lbs, Scanmail, Stockholm
ACETYLENE—47,025 lbs, Hird, Caripito
ACID, ACETIC, GLACIAL—2,147 lbs, Uruguay, Rio de Janeiro
CITRIC—62 lbs, Santa Rosa, La Vela
HYDROCYANIC—1,212 lbs, City of Hereford, Colombo
PHOSPHORIC—16,779 lbs, Rydboholm, Stockholm
SULPHURIC—2,420 lbs, Chiriqui, Kingston; 27,582 lbs, Santa Rosa, Barranquilla
ALCOHOL, DEN—1,100 gls, Quirigua, Cartagena
ISOPROPYL—3,850 gls, American Farmer, London
OCTYL—1,260 lbs, Pennland, Antwerp
ALUMINA SULPHATE—40,400 lbs, Santa Rosa, Cartagena
AMMONIA SULPHATE — (Margaret) 1,350 tons, San Juan; 1,120,000 lbs, Ponce
AMYL ACETATE—2,403 lbs, Astri, Santos
ASPHALT—1,760 lbs, Sorholt, Manila; 132,378 lbs, Scanpenn, Gothenburg; 5,401 lbs, American Shipper, Manchester; (Sagadahoc) 8,188 lbs, Durban; 125,735 lbs, Mombasa; 274,110 lbs, City of Hereford, Karachi; (Scanmail) 13,134 lbs, Gothenburg; 10,269 lbs, Bergen; 24,102 lbs, President Harding, Havre
ASPHALT LIQUID—25,424 lbs, Scanpenn, Helsingfors, 176,115 lbs, Consuelo, Newcastle; 37,657 lbs, Oslofjord, Oslo; 12,549 lbs, President Harding, London
SOLID—50,709 lbs, American Shipper, Manchester
BENZOL—1,210 gls, Ayuruoca, Santos
BIOLOGICALS—12,669 lbs, Saturnia, Gibraltar
BISMUTH, METAL—23,878 lbs, American Merchant, London; 22,714 lbs, American Farmer, London
BLACK, BONE—24,300 lbs, American Farmer, London
BLEACHING POWDER—174,199 lbs, Browning, Buenos Aires
BLUE, ULTRAMARINE—(Quirigua) 2,585 lbs, Caibarien; 970 lbs, Havana
BUTYL ACETATE—5,292 lbs, Scanpenn, Stockholm
CALCIUM CARBIDE—22,400 lbs, Tai Shan, Manila
PHOSPHATE TRI—3,383 lbs, American Farmer, London
CARBON TETRACHLORIDE—1,364 lbs, Astri, Rio Janeiro
CASCARA BARK—11,200 lbs, American Shipper, Belfast
CELLULOSE ACETATE—26,018 lbs, Mathilda Thorden, Norrkoping
CHALK, PRECIP—2,480 lbs, Uruguay, Rio Janeiro; 224,060 lbs, Toronto City, Bristol
CHEMICALS—(American Shipper) 2,688 lbs, Manchester; 3,696 lbs, Liverpool; 2,723 lbs, California, Glasgow; 3,583 lbs, Sorholt, Manila; 2,108 lbs, Pennland, Antwerp
CHLORINE—(Platano) 8,252 lbs, Barranquilla; 6,795 lbs, Buenaventura
CLAY—120,000 lbs, Oslofjord, Oslo; 20,400 lbs, President Harding, Havre; 40,600 lbs, American Farmer, London
COALTAR—1,120 lbs, Atlantida, Santiago; 1,050 lbs, Musa, Puntarenas
INTERMEDIATES—536 lbs, Platano, Santiago
CORN FLOUR—(Chinese Prince) 496,320 lbs, Shanghai; 42,300 lbs, Hongkong; 5,300 lbs, Caledonia, Glasgow; (Veragua) 957 lbs, Limon; 15,290 lbs, Havana; 8,520 lbs, Quirigua, Havana; 71,000 lbs, Talamanca, Porto Colombia; (Pastores) 612 lbs, Retalheu; 99 lbs, Porto Barrios; 90,240 lbs, Toronto City, Cardiff; 7,059 lbs, Lossiebank, Manila
SUGAR—2,538 lbs, Stavangerfjord, Oslo; 5,100 lbs, California, Glasgow; 1,015 lbs, American Shipper, Liverpool; 2,538 lbs, Quirigua, Havana; 3,062 lbs, Tai Shan, Shanghai; 42,300 lbs, Toronto City, Bristol
SYRUP—(Stavangerfjord) 39,413 lbs, Trondhjem; 46,309 lbs, Oslo; (Rydboholm) 38,476 lbs, Abo; 15,399 lbs, Viborg; 966 lbs, Musa, Panama; 24,581 lbs, Quirigua, Havana; (Steel Scientist) 8,005 lbs, Honolulu; 1,725 lbs, Kahului; 1,380 lbs, Port Allen; (City of Hereford) 112,510 lbs, Calcutta; 15,008 lbs, Colombo; (City of Hereford) 11,250 lbs, Wellington; 90,023 lbs, Dunedin; 76,500 lbs, Lyttelton; (Platano) 1,300 lbs, Bocas Toro; 1,204 lbs, Panama; 75,405 lbs, Drottninghoim, Stockholm/Gothenburg
DEXTRIN—10,831 lbs, Veragua, Havana; 876 lbs, Quirigua, Havana
CORN—710 lbs, Quirigua, Havana; (City of Hereford) 7,050 lbs, Bombay; 7,050 lbs, Calcutta; (City of Kimberley) 2,256 lbs, Auckland; 126,900 lbs, Wellington; 3,384 lbs, Lyttelton; 7,100 lbs, American Farmer, London
DICHLORODIFLUOROMETHANE — 2,358 lbs, Scanpenn, Stockholm; 465 lbs, Sagadahoc, Capetown; (Scanmail) 1,289 lbs, Copenhagen; 7,077 lbs, Gothenburg
DIMETHYL PHTHALATE—2,360 lbs, Scanmail, Norrkoping
DISINFECTANT, COALTAR—1,544 lbs, Talamanca, Kingston; 1,575 lbs, Platano, Santa Marta; 903 lbs, Pastores, Porto Barrios
DRUGS—2,744 lbs, American Farmer, London
DYES—4,757 lbs, Uruguay, Buenos Aires
ANILIN—2,711 lbs, Scanpenn, Gothenburg; 1,808 lbs, Scanmail, Helsingfors
ETHYLENEGLYCOL MONOETHYLETHER — 2,358 lbs, Scanpenn, Stockholm
FELDSPAR—4,156 lbs, American Merchant, London
FERTILIZER—9,418 lbs, Uruguay, Buenos Aires; 36,450 lbs, Hird, Grenada; 45,200 lbs, Atlantida, Kingston
FLOTATION REAGENT—7,014 lbs, St Louis, Hamburg; (Excambion) 9,880 lbs, Marseilles; 5,442 lbs, Famagusta; 8,060 lbs, Panuco, Tampico; 2,580 lbs, Gerolstein, Antwerp
FORMALDEHYDE—5,304 lbs, Sagadahoc, Durban; 5,304 lbs, Sagadahoc, Durban
FLUORSPAR — 11,644 lbs, Uruguay, Rio de Janeiro
GASOLINE—100 gls, Astri, Montevideo; 3,360 gls, Leif, Macoris
GELATIN—866 lbs, Borinquen, San Juan; 1,268 lbs, American Shipper, Liverpool
GLASS, PLATE—1,677 lbs, Chiriqui, Kingston; 4,740 lbs, Musa, Puntarenas; 4,360 lbs, Quirigua, Limon
GLUCOSE—2,500 lbs, President Harding, London
SOLID—1,994 lbs, Uruguay, Santos; 3,525 lbs, City of Hereford, Calcutta
GLUE—885 lbs, Uruguay, Buenos Aires
GRAPHITE—13,614 lbs, Oslofjord, Oslo
GREASE, LUBRIC—(Pennland) 1,290 lbs, Brussels; 13,218 lbs, Antwerp; 3,725 lbs, Uruguay, Barbados; 1,993 lbs, Stavangerfjord, Oslo; 87,368 lbs, Sorholt, Manila; (Chinese Prince) 30,072 lbs, Manila; 60,210 lbs, Shanghai; 14,172 lbs, Hongkong; (Rydboholm) 13,070 lbs, Gothenburg; 5,665 lbs, Malmo; 1,253 lbs, Stockholm; 11,752 lbs, California, Glasgow; (Scanpenn) 49,229 lbs, Copenhagen; 5,318 lbs, Gdynia; 723 lbs, Helsingfors; (American Shipper) 29,805 lbs, Glasgow; 1,160 lbs, Manchester; 5,300 lbs, Liverpool; (Nako) 595,833 lbs, Yokohama; 18,601 lbs, Moji; 122,137 lbs, Kobe; 18,842 lbs, Paris, Havre; 18,665 lbs, Cadedonia, Glasgow; 2,791 lbs, Veendam, Amsterdam; 45,147 lbs, Conte Savoia, Genoa; (Sagadahoc) 2,225 lbs, Capetown; 2,740 lbs, Durban; 142,239 lbs, Lourenco Marques; 2,504 lbs, Mombasa; (Steel Scientist) 19,208 lbs, Manila; 72,880 lbs, Saigon; 14,115 lbs, Haiphong; 3,904 lbs, Cebu; 27,388 lbs, Iloilo; (City of Hereford) 54,464 lbs, Calcutta; 1,320 lbs, Colombo; 12,030 lbs, Montevideo; (Excambion) 46,175 lbs, Marseilles; 27,276 lbs, Alexandria; 9,225 lbs, Tel Aviv; 39,820 lbs, Consuelo, Newcastle; 14,114 lbs, Tai Shan, Manila; 8,046 lbs, Oslofjord, Oslo; (Executive) 842 lbs, Piraeus; 4,452 lbs, Istanbul; 31,224 lbs, Havana, Vera Cruz; (City of Kimberley) 98,460 lbs, Auckland; 2,206 lbs, Napier; 7,665 lbs, Lyttelton; 5,171 lbs, Gerolstein, Rotterdam; 103,341 lbs, American Merchant, London; 28,922 lbs, President Harding, Havre; (City of Tokio) 10,886 lbs, Brisbane; 47,262 lbs, Sydney; 8,422 lbs, Adelaide; 1,215 lbs, De Grasse, Bordeaux; 10,750 lbs, Svaneholm, Stockholm; 1,323 lbs, Drottninghoim, Malmo; 188,760 lbs, Atlanta, Genoa; 7,831 lbs, Saturnia, Venice; 5,260 lbs, Norefjord, Lisbon
GUM, TRAGACANTH—29,507 lbs, American Shipper, Liverpool
HEMLOCK EXTRACT—34,891 lbs, American Farmer, London
INK, PRINTING—31,575 lbs, Astri, Buenos Aires; 12,283 lbs, Quirigua, Barranquilla
INSECTICIDE—13,156 lbs, Oslofjord, Oslo
AGRICULTURAL—(Scanpenn) 34,263 lbs, Helsingfors; 6,259 lbs, Mantyluoto; 44,285 lbs, Svaneholm, Stockholm
IRON OXIDE—3,530 lbs, American Merchant, London
JALAP ROOT—6,638 lbs, Saturnia, Trieste
LACQUER—(Sagadahoc) 4,083 lbs, Capetown; 3,965 lbs, East London; 4,504 lbs, Mathilda Thorden, Stockholm; 2,285 lbs, Oslofjord, Oslo; 1,680 lbs, President Harding, Hamburg
LARD—37,200 lbs, Pennland, Rotterdam; 34,554 lbs, St. Louis, Hamburg; 33,390 lbs, Batory, Gdynia; (American Shipper) 123,446 lbs, Manchester; 30,918 lbs, Liverpool; 11,775 lbs, Chiriqui, Cartegena; 18,900 lbs, Quiriqua, Havana; 19,625 lbs, Talamanca, Porto Colombia; 232,500 lbs, Consuelo, Hull; 13,160 lbs, Atlantida, Santiago; 149,932 lbs, American Merchant, London; 32,800 lbs, Aquitania, Southampton; 248,250 lbs, American Farmer, London; 15,437 lbs, President Harding, Hamburg; Toronto City, Bristol; 24,375 lbs, Cardiff; 16,250 lbs, Swansea; 7,560 lbs, Svaneholm, Wiborg; 12,400 lbs, Drottinghalm, Gothenburg; 18,056 lbs, Saturnia, Palermo; (Santa Rosa) 8,000 lbs, Panama; 8,000 lbs, Porto Cabello; 18,000 lbs, La Guaira; (Quirigua) 19,623 lbs, Cartegena; 27,475 lbs, Barranquilla; 26,127 lbs, Hansa, Hamburg
LEAD ACETATE—4,600 lbs, Lossiebank, Manila
ARSENATE—27,407 lbs, Platano, Buenaventura
BLUE, SUBLIMED—23,674 lbs, Oslofjord, Sandefjord
WHITE—4,992 lbs, Uruguay, Buenos Aires; 59,080 lbs, Veendam, Rotterdam
WHITE, IN OIL—6,750 lbs, Sorholt, Manila
LINSEED CAKE—225,656 lbs, Pennland, Rotterdam; 688,604 lbs, Veendam, Rotterdam
LITHOPONE—11,210 lbs, City of Kimberley, Wellington
MAGNESIA, METAL—366,300 lbs, Batory, Gdynia
MALEIC ANHYDRIDE—6,524 lbs, New York, Hamburg
METHANOL—165 gls, Scanpenn, Helsingfors
MOLYBDENUM CONC—28,441 lbs, Scanmail, Gothenburg
OIL, CASTOR—3,040 lbs, Rydboholm, Malmo; 352 lbs, Musa, Corinto; 21,010 lbs, Tai Shan Manila; 985 lbs, Leif, Macoris
COCONUT—2,050 lbs, Quirigua, Limon; 25,256 lbs, Astri, Buenos Aires
COOKING—5,775 lbs, Borinquen, San Juan
CYLINDER—(Jenny) 1,019,661 gls, England; 339,887 gls, Antwerp; 416,771 gls, Rouen
EDIBLE—2,000 lbs, Veragua, Limon; 1,100 lbs, Musa, Amapala; (Pastores) 1,570 lbs, Retalheu; 4,555 lbs
ENGINE—4,620 gls, Veendam, Rotterdam
ESSENTIAL—1,439 lbs, Uruguay, Buenos Aires; 1,540 lbs, Sagadahoc, East London
FLOTATION—3,300 gls, Panuco, Tampico
LARD—14,304 lbs, President Harding, Havre; (Pennland) 9,075 gls, Rotterdam; 1,260 gls, Brussels; 6,225 gls, Antwerp; 1,816 gls, Basle; 26,040 gls, St Louis, Hamburg; (Uruguay) 1,015 gls, Barbados; 550 gls, Rio de Janeiro; 9,265 gls, Montevideo; (Stavangerfjord) 504 gls, Haugesund; 2,984 gls, Trondhjem; 6,985 gls, Bergen; 1,035 gls, Oslo; 10,050 gls, Sorholt, Manila; 1,100 gls, Chinese Prince, Shanghai; (Rydboholm) 715 gls, Gothenburg; 3,025 gls, Malmo; 1,650 gls, Stockholm; 4,840 gls, Batory, Gdynia; 3,300 gls, Queen Mary, Southampton; 5,712 gls, California, Glasgow; (Scanpenn) 6,940 gls, Copenhagen; 2,200 gls, Stockholm; 825 gls, Helsingfors; 4,950 gls, American Shipper, Manchester; (Nako) 110,220 gls, Yokohama; 14,850 gls, Osaka; 27,555 gls, Dairen; 70,345 gls, Kobe; (Paris) 23,035 gls, Havre; 2,730 gls, Dunkirk; 8,710 gls, Caledonia, Glasgow; (Veendam) 3,575 gls, Rotterdam; 14,881 gls, Amsterdam; 16,800 gls, Conte Savoia, Genoa; (Sagadahoc) 385 gls, East London; 6,000 gls, Durban; 19,390 gls, Lourenco Marques; 6,325 gls, Dar Salaam; 2,400 gls, Tanga; 19,100 gls, Mombasa; 7,900 gls, Chiriqui, Porto Colombia; 3,960 gls, Veragua, Limon; 6,050 gls, Musa, Puntarenas; 4,995 gls, Quirigua, Havana; (Steel Scientist) 252 gls, Honolulu; 13,475 gls, Saigon; 550 gls, Cebu; (City of Hereford) 7,700 gls, Karachi; 5,500 gls, Bombay; 2,750 gls, Madras; 715 gls, Colombo; (Astri) 31,075 gls, Rio de Janeiro; 4,290 gls, Buenos Aires; 4,800 gls, Scanmail, Copenhagen; (Excambion) 1,879 gls, Marseilles; 2,700 gls, Oran; 3,590 gls, Algiers; 2,890 gls, Philippeville; 1,925 gls, Bone; 4,320 gls, Alexandria; 770 gls, Tel Aviv; (Consuelo) 11,220 gls, Hull; 5,500 gls, Newcastle; 420 gls, Aberdeen; (Ayuruoca) 3,850 gls, Rio de Janeiro; 870 gls, Rio Grande; 19,740 gls, Paranagua; 7,600 gls, Santos; 3,575 gls, Tai Shan, Manila; (Mathilda Thorden) 4,830 gls, Stockholm; 550 gls, Helsingfors; 6,600 gls, Panuco, Tampico; (Oslofjord) 36,594 gls, Oslo; (Executive) 6,765 gls, Piraeus; 3,575 gls, Istanbul; (Browning) 1,814 gls, Rio de Janeiro; 8,500 gls, Santos; (Hird) 1,596 gls, Martinique; 31,900 gls, Caripito; (City of Kimberley) 73,920 gls, Auckland; 118,525 gls, Wellington; 1,925 gls, Napier; 2,000 gls, New Plymouth; 20,430 gls, Lyttelton; 16,055 gls, Dunedin; 3,575 gls, Bluff; 3,575 gls, Bluff; 2,200 gls, Dunedin; (Gerolstein) 1,260 gls, Rotterdam; 4,200 gls, Antwerp; 9,900 gls, American Merchant, London; 210,672 gls, Jenny, Rouen; 14,980 gls, American Farmer, London; (President Harding) 27,840 gls, Havre; 850 gls, Tallinn; (City of Tokio) 43,065 gls, Brisbane; 139,700 gls, Sydney; 3,190 gls, Melbourne; 12,760 gls, Adelaide; 22,000 gls, Lossiebank, Shanghai; (De Grasse) 29,985 gls, Havre; 5,225 gls, Dunkirk; 945 gls, St Nazaire; 4,125 gls, Bordeaux; (Atlanta) 23,100 gls, Genoa; 2,520 gls, Leghorn; 2,520 gls, Naples; (Saturnia) 1,265 gls, Algiers; 4,074 gls, Venice; 22,134 gls, Trieste; 1,100 gls, Borinquen, San Juan; (Santa Rosa) 1,925 gls, Barranquilla; 7,895 gls, Porto Cabello; 2,375 gls, La Guaira; (Platano) 1,100 gls, Barranquilla; 5,500 gls, Puntarenas; 17,178 gls, Hansa, Hamburg; 18,186 gls, New York, Hamburg
MINERAL — 4,070 gls, American Farmer, London
OLEO—(Rydboholm) 12,021 lbs, Gothenburg; 12,068 lbs, Malmo; 71,889 lbs, Stockholm; 23,717 lbs, American Shipper, Liverpool; 15,868 lbs, Caledonia, Glasgow; 59,326 lbs, Veendam, Rotterdam; 23,902 lbs. Scanmail, Gothenburg-Stockholm; 7,105 lbs, Oslofjord, Oslo
PEPPERMINT—689 lbs, St Louis, Hamburg; 1,600 lbs, American Merchant, London; 950 lbs, Svaneholm, Stockholm
PINE—1,320 lbs, Uruguay, Buenos Aires; 32,101 lbs, Rydboholm, Stockholm
RED—2,224 lbs, Pennland, Antwerp
SULPHONATED — 16,104 lbs, Excambion, Marseilles
TRANSFORMER—1,100 gls, Sagadahoc, Mombasa
VEGETABLE—2,636 lbs, Rydboholm, Gothenburg; 4,947 lbs, Quirigua, Havana
PAINT—(Uruguay) 2,099 lbs, Rio de Janeiro; 3,886 lbs, Santos; 3,858 lbs, Rydboholm, Gothenburg; 3,410 lbs, Sagadahoc, Port Elizabeth; 10,049 lbs, Talamanca, Puerto Colombia; (Scanmail) 8,836 lbs, Copenhagen; 3,851 lbs, Stockholm; 3,971 lbs, Svaneholm, Stockholm; 24,045 lbs, Santa Rosa, Cartagena; 4,980 lbs, Quirigua, Puerto Colombia; (Platano) 5,351 lbs, Corinto; 3,556 lbs, Buenaventura

PAINT CREOSOTE—10,575 lbs, Pastores, Puerto Barrios
LIQUID—8,464 lbs, Uruguay, Buenos Aires
PREPARED—11,830 lbs, Musa, Puntarenas
THINNER—1,650 gls, Astri, Buenos Aires; 4,125 gls, Scanmail, Copenhagen; (Browning) 9,000 gls, Rio de Janeiro; 26,000 gls, Santos; 1,925 gls, American Farmer, London
PARAFFIN—(Stavangerfjord) 2,224 lbs, Trondhjem; 22,244 lbs, Oslo; 29,910 lbs, Conte Savoia, Genoa; 33,900 lbs, Chiriqui, Porto Colombia; 22,448 lbs, Excambion, Alexandria; 57,916 lbs, Consuelo, Newcastle; 171,275 lbs, Panuco, Tampico; 17,025 lbs, Ayuruoca, Rio Grande; 4,450 lbs, Browning, Santos; 15,150 lbs, Atlantida, Santiago; 49,126 lbs, Havana, Vera Cruz; 33,820 lbs, Azuma, Antwerp; 76,957 lbs, American Farmer, London; (Santa Rosa) 67,242 lbs, Cartagena; 226,070 lbs, La Guaira; 22,313 lbs, Atlanta, Genoa; 53,618 lbs, New York, Hamburg; (Pastores) 25,226 lbs, Porto Barrios; 20,201 lbs, Retalheu
SCALE—12,307 lbs, Stavangerfjord, Trondhjem; 5,279 lbs, Pennland, Antwerp; 122,656 lbs, American Shipper, Manchester; 49,113 lbs, Scanpenn, Helsingfors; 131,242 lbs, Gerolstein, Antwerp; 41,475 lbs, City of Tokio, Melbourne; 89,715 lbs, Toronto City, Bristol; 22,313 lbs, Atlanta, Genoa; (Santa Rosa) 68,770 lbs, Cartagena; 224,075 lbs, La Guaira
PECTIN, APPLE—845 lbs, Scanmail, Helsingfors
PETROLATUM, MEDICINAL—4,512 lbs, Stavangerfjord, Oslo; 203,985 lbs, American Farmer, London
PHOSPHATE—7,200 lbs, Consuelo, Newcastle
PITCH—178,110 lbs, Excambion, Marseilles
POTASH BICHROMATE—4,567 lbs, Browning, Rio de Janeiro
CAUSTIC — 57,758 lbs, American Shipper, Manchester
CHLORATE—12,200 lbs, Atlantida, Santiago
PERMANGANATE — 2,457 lbs, Atlantida, Kingston
PROPANE—10,519 lbs, Sagadahoc, Durban
RESIN — (Scanmail) 2,359 lbs, Copenhagen; 4,592 lbs, Stockholm; 36,265 lbs, American Merchant, London
SYNTHETIC—4,204 lbs, American Shipper, Liverpool
ROSIN — 13,497 lbs, Scanpenn, Copenhagen; 10,003 lbs, Banaderos, Iquitos; 22,480 lbs, American Merchant, London; 3,760 lbs, Drottningholm, Gothenburg
SENEGA ROOT—2,337 lbs, Saturnia, Trieste
SOAP—20,350 lbs, Borinquen, San Juan; 15,000 lbs, Steel Scientist, Honolulu; 90,000 lbs, Tai Shan, Manila
POWDER—33,600 lbs, Excambion, Marseilles
TOILET—23,700 lbs, Veendam, Amsterdam
SODA ASH — 64,664 lbs, Browning, Rio de Janeiro; 51,040 lbs, Havana; 12,315 lbs, City of Kimberley, Wellington; (Platano) 2,020 lbs, Panama; 1,010 lbs, Puntarenas; (Sagadahoc) 12,124 lbs, Port Elizabeth; 48,938 lbs, Durban; 11,110 lbs, Talamanca, Cartagena; 11,220 lbs, Chiriqui, Puerto Colombia; 4,512 lbs, City of Hereford, Calcutta; (Scanmail) 9,367 lbs, Gothenburg; 4,300 lbs, Oslo; 9,730 lbs, Malmo; 22,876 lbs, Helsingfors; 51,980 lbs, Panuco, Progresso
BENZOATE—1,320 lbs, Talamanca, Kingston
BICARBONATE — 20,605 lbs, Lossiebank, Manila; (Sagadahoc) 50,760 lbs, Capetown; 3,964 dms, Durban; 6,100 lbs, Talamanca, Cartagena; 20,200 lbs, Chiriqui, Puerto Colombia; 54,600 lbs, Quirigua, Havana; 29,880 lbs, Panuco, Progresso
BICHROMATE—4,807 lbs, Browning, Rio de Janeiro; 7,660 lbs, De Grasse, Havre; 4,621 lbs, Stavangerfjord, Bergen; 1,544 lbs, Scanpenn, Copenhagen; (Ayuruoca) 2,281 lbs, Antonina; 23,652 lbs, Santos
CARBONATE—2,211 lbs, Quirigua, Cartagena
CAUSTIC — (Browning) 229,600 lbs, Rio Janeiro; 72,349 lbs, Santos; 267,500 lbs, Havana, Vera Cruz; 22,575 lbs, City of Kimberley, Wellington; 7,185 lbs, Borinquen, Ciudad; (Quirigua) 14,360 lbs, Cartagena; 3,500 lbs, Barranquilla; (Platano) 3,580 lbs, Panama; 3,580 lbs, Puntarenas; 11,200 lbs, Stavangerfjord, Sarpsborg; 11,956 lbs, Chiriqui, Porto Colombia; (Astri) 24,494 lbs, Rio Janeiro; 92,160 lbs, Montevideo; (Scanmail) 5,230 lbs, Gothenburg; 1,660 lbs, Oslo; 8,670 lbs, Malmo; 3,320 lbs, Stockholm; 4,230 lbs, Abo; (Ayuruoca) 35,824 lbs, Rio Janeiro; 43,040 lbs, Paranagua; 53,886 lbs, Santos; (Banaderos) 26,941 lbs, Ceara; 35,875 lbs, Pernambuco; 14,330 lbs, Maceio; 839,300 lbs, Panuco, Progresso
CHLORAMINE—5,158 lbs, Sagadahoc, Durban
HYDROSULPHITE—4,304 lbs, Veragua, Cardenas
METASILICATE—10,788 lbs, Rydboholm, Stockholm
NITRATE—40,298 lbs, Chiriqui, Kingston
ORTHOSILICATE—10,914 lbs, Rydboholm, Stockholm
PHOSPHATE—7,200 lbs, Consuelo, Newcastle
PHOSPHATE, TRI—11,381 lbs, Aquitania, Southampton; 4,000 lbs, Consuelo, Newcastle
STANNIC CHLORIDE—1,635 lbs, Sagadahoc, Durban
STARCH—2,730 lbs, Veendam, Rotterdam
CORN—7,075 lbs, Aquitania, Southampton; 13,536 lbs, Drottningholm, Stockholm-Gothenburg; 133 lbs, Platano, Panama; 1,250 lbs, Chinese Prince, Shanghai; (Rydboholm) 25,085 lbs, Gothenburg; 2,256 lbs, Gefle; 28,200 lbs, American Shipper, Belfast; 4,060 lbs, Sagadahoc, East London; (Quirigua) 2,997 lbs, Caibarien; 997 lbs, Havana; 20,234 lbs, Veragua, Havana; (Steel Scientist) 12,150 lbs, Honolulu; 1,035 lbs, Port Allen; (City of Hereford) 28,200 lbs, Karachi; 17,625 lbs, Calcutta; 176,840 lbs, Excambion, Alexandria; 42,450 lbs, Consuelo, Hull
LAUNDRY—1,500 lbs, Havana, Vera Cruz
STEARIN, PITCH—56,562 lbs, St Louis, Hamburg
SULPHANILAMIDE—532 lbs, Platano, Santiago
SULPHUR—64,118 lbs, City of Tokio, Sydney
TALC—6,732 lbs, Scanmail, Copenhagen; (Consuelo) 33,900 lbs, Newcastle; 22,640 lbs, Aberdeen; 2,100 lbs, American Farmer, London; 22,400 lbs, President Harding, Havre; 2,452 lbs, Uruguay, Buenos Aires; 60,600 lbs, St Louis, Vigo; 14,850 lbs, Sorholt, Macila; 10,000 lbs, Chiriqui, Cartagena
TALLOW—62,946 lbs, Leif, Porto Plata
TANNING EXTRACT—7,000 lbs, City of Kimberley, Auckland
TURPENTINE—2,500 gls, Browning, Rio de Janeiro; (City of Kimberley) 6,050 gls, Auckland; 1,650 gls, Wellington; 13,750 gls, Lyttelton; 350 gls, Dunedin; (City of Tokio) 750 gls, Melbourne; 750 gls, Adelaide; (Sagadahoc) 1,000 gls, Capetown; 360 gls, Durban; 1,000 gls, Ayuruoca, Rio de Janeiro
VARNISH—6,440 lbs, City of Kimberley, Auckland; 2,440 lbs, American Merchant, London
WITCH HAZEL EXTRACT—19,840 lbs, Toronto City, Bristol; 992 lbs, Steel Scientist, Honolulu
XYLOL—770 gls, Ayuruoca, Rio de Janeiro
ZINC OXIDE—3,657 lbs, Quirigua, Havana

Baltimore Exports

Clearance Dates

Binnendijk, April 17; Buenos Aires, April 17; Manchester Division, April 12; Mormactide, April 15; Potter, April 15; San Marcos, April 12; Temnaren, April 14; West Cusseta, April 12

ASPHALT, SOLID—10,549 lbs, West Cusseta
Bilbao; 107,158 lbs, Manchester Division, Liverpool
CADMIUM LITHOPONE — 1 dm, Temnaren, Bergen
GLASS FRIT CRSHD—6,414 lbs, Mormactide, Santos
GREASE, LUBRIC — (San Marcos) 6,936 lbs, Costa Rica; 5,900 lbs, Nicaragua; 3,272 lbs, Honduras; 2,158 lbs, Temnaren, Helsinki; 2,473 lbs, Binnendijk, Rotterdam
INSECTICIDE—8,407 lbs, San Marcos, Colombia
LICORICE PASTE—4,420 lbs, Temnaren, Gothenburg
LIME—25,400 lbs, Buenos Aires, Rio Janeiro
OIL, LUBRIC—6,232 gls, West Cusseta, London; 280 gls, Temnaren, Helsinki
POLISH—4,200 lbs, Buenos Aires, Buenos Aires
SOAP POWDER—10,350 lbs, San Marcos, Panama
SELENIUM, POWD—3,306 lbs, West Cusseta, India
SMALTS, PAINTER'S—1,200 lbs, Potter, Manila
SODA BICHROMATE—20,943 lbs, San Marcos, Chile; 11,200 lbs, Temnaren, Gothenberg; 13,669 lbs, Binnendijk, Rotterdam
SOLDER DROSS—12,000 lbs, West Cusseta, Hull
STARCH, CORN—682,440 lbs, Machester Division, Manchester
TANNING AGENT—22,046 lbs, San Marcos, Chile

Beaumont Exports

Clearance Dates

G H Jones, April 15; Motrix, April 12; Nashaba, April 13

BLACK, CARBON—101 cs, 1,271 bgs, Nashaba, London
PETROLEUM CRUDE—66,096 bbls, Motrix, Sete; 80,317 bbls, G H Jones, Havana

Boston Exports

Clearance Dates

American Banker, April 17; American Importer, April 18; Dromore, April 11; Evangeline, April 12, 17; Grete Maersk, April 18; Kyusyu, April 17; Laconia, April 15; Lady Rodney, April 15; Macabi, April 22; President Polk, April 17

ACID, SULPHURIC—193 dms, 150,000 lbs, Macabi, Banes
ALUMINUM SULPHATE—40 bbls, 16,000 lbs, Grete Maersk, Manila
ANIMAL DIP—100 dms, 46,190 lbs, Grete Maersk, Manila; (President Polk) 10 dms, 550 gls, Hongkong; 25 dms, 1,375 gls, Manila
ASBESTOS FIBER—21,798 bgs, Kyusyu, Japan
BAKING POWDER—110 bxs, 25 pails, 8 crts, 5,200 lbs, Dromore, St John's, N F
BRISTLES—1 crtn, 66 lbs, Evangeline, St John, N B
CEMENT, BELT—1 cs, 134 lbs, American Importer, Glasgow
CAN—5 dms, 265 gls, Laconia, Capetown, South Africa; 10 dms, 620 lbs, American Banker, London
RUBBER—5 crtns, 200 lbs, Dromore, St John's, N F
CHEMICALS—1 cs, American Banker, London
CLAY, SOLUBLE, GRD—23 bgs, 2,240 lbs, President Polk, Manila
DIATOMACIOUS EARTH—80 bgs, 4,000 lbs, American Banker, Coley
DRESSING, LEATHER—2 crtns, 58 lbs, Dromore, St John's, N F; 1 crtn, 26 gls, President Polk, Manila
SHOE—4 bbls, 1,020 lbs, American Banker, London; 10 cs, President Polk, Manila
DRUGS—1 dm, 100 lbs, Evangeline, Halifax, N S
FILLER—2 pls, 28 lbs, Lady Rodney, Nassau
GLUE—5 cs, and 1 bdl, 109 lbs, Dromore, St John's, N F
PHOTO-ENGRAVING — 4 bbls, 2,247 lbs, American Banker, London
INK, SHOE—1 cs, 2 gls, President Polk, Manila
WRITING—(President Polk) 36 cs, Manila; 17 pgs, Honolulu; 2 pkgs, Wailuku
LUBRICANT, DRAWING—25 dms, 975 lbs, American Banker, London
MEDICINAL PREPS—360 bxs, 2,800 gls, American Banker, London; 1 cs, 23 lbs, President Polk, Honolulu
MICA—1 crtn, 6 lbs, Laconia, London
MUCILAGE—5 cs, 1,025 lbs, President Polk, Manila
OIL, CODLIVER—6 dms, 180 gls, President Polk, Manila
GRINDING—3 dms, 169 gls, Dromore, St John's, N F
LUBRICATING—5 dms, 250 gls, Evangeline, St John, N B; (Dromore) 10 dms, 550 gls, St John's, N F; 1 cs, 15 gls, Liverpool; 3 cs, 70 lbs, Laconia, Liverpool
RAYON—78 dms, 4,253 gls, Laconia, Liverpool
TANNERS'—6 bbls, 2,239 lbs, Laconia, Liverpool
PAINT—22 cs, 132 gls, Dromore, St John's, N F; 2 cs, 112 lbs, Lady Rodney, Hamilton
PASTE, ADHES — (President Polk) 8 pkgs, 1,026 lbs, Manila; 6 pkgs, 248 lbs, Honolulu
PHENOL—275 dms, 123,750 lbs, Grete Maersk, Shanghai
POLISH—5 bxs, 239 lbs, Evangeline, Charlottetown, P E I; 38 crtns, 362 lbs, Dromore, St John's, N F; 6 bbls, 325 gls, Laconia, Leicester; (President Polk) 5 cs, 608 lbs, Manila; 2 cs, 404 lbs, Rizal; 5 crtns, 1 dm, Evangeline, St John, N B
PUTTY—1 crtn, 7 lbs Lady Rodney, Nassau
ROSIN—11 dms, 4,400 lbs, Kyusyu Maru, Shanghai
SOAP, CASTILE—6 cs, 2,278 lbs, Evangeline, Yarmouth
FLAKE—50 cs, 1,252 lbs, President Polk, Honolulu
MEDICATED—2 cs, 315 lbs, President Polk, Honolulu
POWDER—50 cs, 1,828 lbs, President Polk, Honolulu
TAR—(President Polk) 10 cs, 250 lbs, Kahului; 200 cs, 4,875 lbs, Honolulu; 30 cs, 750 lbs Nawiliwili
TOILET—(President Polk) 25 cs, 593 lbs, Kahului; 300 cs, 7,125 lbs, Honolulu; 30 cs, 712 lbs, Nawiliwili
SODA SILICATE—11 dms, 3,599 lbs, Laconia, Birmingham
SOLDER—1 cs, 301 lbs, Dromore, St John,'s N F
SULPHUR, GRD—400 bgs, 40,000 lbs, Evangeline, Aylesford, N S
TOILET PREPS—1 cs, 124 lbs, American Banker, London
TURPENTINE, GUM—5 dms, 288 gls, Evangeline, St John, N B
VARNISH—21 cs, 153 gls, Dromore, St John's, N F
WAX, SHOE—1 bbl, 153 lbs, Dromore, Truro, N S
WOODFLOUR—64 bgs, 2,176 lbs, American Importer, Manchester

Corpus Christi Exports

Clearance Dates

Hoegh Giant, April 2; LeHavre, April 6; Lubrafol, April 9; Norvinn, April 5; Sarita, April 7; Sheherazade, April 9

GASOLINE—25,266 bbls, LeHavre, Amsterdam
KEROSENE—7,969 bbls, LeHavre, Amsterdam
OIL, FUEL—28,669 bbls, Lubrafol, Copenhagen
GAS—71,270 bbls, Norvinn, Hamburg; 53,740 bbls, Sarita, Lands End
PETROLEUM, CRUDE—28,197 bbls, Hoegh Giant, Gothenburg; 21,418 bbls, Lubrafol, Copenhagen; 141,2 8 bbls, Sheherazade, Havre

Galveston Exports

Clearance Dates

Buccinum, April 17; Maddalena Odero, April 17; Naumburg, April 14

OIL, GAS—6,000 tons, Buccinum, Rotterdam
LUBRICATING—(Naumburg) 2 tons, Auckland; 1 ton, Wellington; 3 tons, Lyttelton
SULPHUR—1,050 tons, Maddalena Odero, Marseilles
CRUDE—(Naumburg) 2,500 tons, Auckland; 1,500 tons, New Plymouth

Houston Exports

Clearance Dates

Alabama, April 15; Gustaf E Reuter, April 15; Margaret Lykes, April 12; Maria, April 13; President de Vogue, April 14; Ranja, April 18; Solor, April 15; Trafalgar, April 15; Vigrid, April 12

BLACK, CARBON—25 tons, Vigrid, Gdynia; (Maria) 4,853 bgs, Trieste; 4,410 bgs, Venice; 7 cs, Istanbul via Venice-Trieste; (Trafalgar) 53 cs, Oslo; 200 cs, Gothenburg; 150 cs, Copenhagen; 108 cs, 2,150 bgs, Gdynia
GASOLINE—4,600 tons, Solor, United Kingdom; 2,750 tons, Ranja, London-Medway; 76,000 bbls, Gustaf E Reuter, Hamburg
STABILIZED—250 tons, President de Vogue, Donges
KEROSENE—3,354 tons, Ranja, London
LUBRICANTS—(Trafalgar) 191 pkgs, Oslo; 50 pkgs, Gothenburg; 85 pkgs, Copenhagen
OCTYLENES—2,200 tons, Solor, United Kingdom
OIL—245 tons, Margaret Lykes, Cristobal
FUEL—25,000 bbls, Alabama, Cienfuegos
GAS—5,000 tons, Solor, United Kingdom
PETROLEUM, CRUDE—12,000 tons, President de Vogue, Donges
SALT—6 tons, Margaret Lykes, Cristobal

Lake Charles Exports

Clearance Dates

Perna, April 14; Poseidone, April 13

PETROLEUM—72,50• bbls, Poseidone, Venice
CRUDE—90,162 bbls, Perna, Montreal

Los Angeles Exports

Clearance Dates

Argyll, April 14; Ariston, April 12; Arthur F Corwin, April 17; City of Norfolk, April 10; City of Pittsburg, April 8; Eiyo, April 14; Erria, April 12; Fresno Star, April 13; H D Collier, April 15; Huxlsan, April 12; Kiyo, April 17; Kiyokawa, April 15; Lochgoil, April 7; Marken, April 11; Pacific Exporter, April 14; Pacific Reliance, April 11; Rosebank, April 7; San Mateo, April 8; Santa Maria, April 11; Wales, April 14; West Noilus, April 13; Yamabiko, April 11

ACETONE — (Lochgoil) 168 dms, 55,930 lbs, Liverpool; 154 dms, 55,140 lbs, Amsterdam; 185 dms, 66,240 lbs, Stockholm; 124 dms, 44,400 lbs, San Mateo, Antwerp; 50 dms, 17,900 lbs, West Nilus, Buenos Aires
ACID, BORIC—800 bgs, 89,600 lbs, Lochgoil, London; 106 pkgs, 10,600 lbs, Rosebank, Vancouver; 1,000 bgs, 112,000 lbs, Fresno Star, Liverpool
CITRIC—560 lbs, West Nilus, Port Spain
ALCOHOL, BUTYL, SEC—10 dms, 3,690 lbs, Rosebank, Victoria
ASPHALT, GILSONITE—89 bgs, 21,390 lbs, San Mateo, Havre
SOLID—80 dms, 41,760 lbs, Marken, Madras
BORATE — 937 sx, 159,500 lbs, Yamabiko, Osaka; 776 bgs, 134,900 lbs, Erria, Copenhagen
BORAX—150 bgs, 16,800 lbs, City of Pittsburg, Tientsin; 7,340 bgs, 884,800 lbs, Lochgoil, London; 195 pkgs, 18,480 lbs, Rosebank, Vancouver; 107 bgs, 11,980 lbs, President Harrison, Hongkong; (San Mateo) 1,600 bgs, 224,000 lbs, Havre; 160 bgs, 22,400 lbs, Antwerp; 198 bgs, 22,110 lbs, Porto; (Pacific Exporter) 2,100 bgs, 235,200 lbs, London; 100 bgs, 11,200 lbs, London; 3,440 bgs, 403,200 lbs, Fresno Star, Liverpool
BUTYL ACETATE—46 dms, 18,120 lbs, Rosebank, Victoria
ACETATE, SEC—2 dms, 790 lbs, Rosebank, Calgary
CLAY, GRD—100 dms, 31,360 lbs, Lochgoil, Liverpool; 20 bgs, 2,240 lbs, Pacific Reliance, Vancouver; 1,000 bgs, 112,000 lbs, Marken, Al Khobar; 100 bgs, 11,200 lbs, City of Norfolk, Havana; 78 bgs, 6,720 lbs, San Mateo, Maracaibo; (President Harrison) 1,500 sx, 150,080 lbs, Singapore; 600 bgs, 60,000 lbs, Suez; 1,200 bgs, 67,870 lbs, West Nilus, Rosario
COLOR, DRY—240 lbs, Rosebank, Victoria
DIACETONE—26 dms, 11,160 lbs, San Mateo, Havre; 5 dms, 2,030 lbs, Pacific Exporter, London
DIATOMACEOUS EARTH—224 bgs, 22,400 lbs, Lochgoil, London; 20 bgs, 2,000 lbs, Pacific Reliance, Vancouver; 40 bgs, 4,060 lbs, Rosebank, Vancouver; 5 bgs, 500 lbs, City of Norfolk, Panama; 551 bgs, 55,100 lbs, San Mateo, Antwerp; 198 bgs, 20,100 lbs, Pacific Exporter, London; 23 bgs, 2,340 lbs, Fresno Star, Newcastle; (Erria) 110 bgs, 11,000 lbs, Rotterdam; 595 bgs, 59,500 lbs, Amsterdam; 132 bgs, 13,200 lbs, Copenhagen
GASOLINE—100,430 bbls, 26,212,230 lbs, H D Collier, Cherbourg; 8,533 bbls, 2,227,110 lbs, Ariston, Yokohama; 85,375 bbls, 22,282,880 lbs, Eiyo, Dairen
AVIATION—100 dms, 33,150 lbs, H D Collier, Paris; (Arthur F Corwin) 27,576 bbls, 7,197,340 lbs, Manila/Cebu; 38,081 bbls, 9,939,140 lbs, Hongkong
GLAUBER'S SALT—20 sx, 2,000 lbs, Rosebank, Vancouver
INSECTICIDE, AGRIC—370 lbs, Lochgoil, Amsterdam
KEROSENE—300 dms, 110,010 lbs, Marken, Saigon
LACQUER—600 lbs, Marken, Bombay; 2,210 lbs, President Harrison, Manila
THINNER—(Marken) 850 lbs, Madras; 220 lbs, Bombay
LINSEED MEAL—(West Nilus) 3,065 bgs, 432,320 lbs, Port Spain; 125 bgs, 17,920 lbs, Georgetown; 5,359 bgs, 754,880 lbs, Bridgetown
METHYLETHYL KETONE—(West Nilus) 20 dms, 7,520 lbs, Santos; 6 dms, 2,200 lbs, Rio Janeiro
MUD, DRILLING, COMP—556 dms, 100,080 lbs, Marken, Basrah
OIL, COTTONSEED—2,310 lbs, President Harrison, Manila
DIESEL—20,882 bbls, 9,323,180 lbs, Santa Maria, Vancouver; 20,959 bbls, 6,539,210 lbs, Ariston, Yokohama; 73,932 bbls, 23,666,780 lbs, Kiyo, Sasebo; 7,554 bbls, 2,356,850 lbs, Arthur F Cowin, Manila/Cebu
FUEL—24,514 bbls, 8,163,160 lbs, Argyll, Santa Rosalia
LEMON, DIST—1,930 lbs, Lochgoil, London
LUBRICATING—100 dms, 50,830 lbs, City of Pittsburgh, Manila; 5 dms, 2,330 lbs, Marken, Batavia
ORANGE—480 lbs, President Harrison, Manila
PECTIN, CITROUS—460 lbs, Erria, Copenhagen
PETROLEUM, CRUDE—56,665 bbls, 17,679,480 lbs, Santa Maria, Vancouver; (Ariston) 76,400 bbls, 23,836,800 lbs, Yokohama; 5 dms, 2,160 lbs, Kobe; 88,671 bbls, 27,665,350 lbs, Huxisan, Tokuyama; 5 dms, 1,560 lbs, H D Collier, Paris
GAS, LIQ—25 cyls, 2,530 lbs, Marken, Bombay
POTASH MURIATE — 3,000 bgs, 660,800 lbs, President Harrison, Yokohama; (Wales) 2,500 bgs, 551,040 lbs, Yokohama; 5,000 bgs, 1,102,080 lbs, Moji
SOAP, FLAKE—500 lbs, Rosebank, Vancouver
POWDER — 750 lbs, Rosebank, Vancouver; 3,000 lbs, Kiyokawa, Havana
SODA ASH—(City of Pittsburgh) 134 bbls, 40,200 lbs, Manila; 1,129 bgs, 224,910 lbs, Tientsin; 1,130 bgs, 224,190 lbs, Shanghai; 6,000 bgs, 672,000 lbs, Marken, Madras
TALC—40 sx, 4,480 lbs, Marken, Manila; 300 bgs, 36,960 lbs, West Nilus, Santos
TOILET PREPS—(City of Pittsburgh) 360 lbs, Manila; 1,390 lbs, Hongkong-Shanghai; 3,250 lbs, Shanghai; (Kiyohawa) 350 lbs, Cali; 370 lbs, Port Prince; 950 lbs, San Mateo, Paris; (President Harrison) 650 lbs, Singapore; 3,250 lbs, Bombay; 750 lbs, Erria, Kingston

New Orleans Exports

Clearance Dates

Ada O, April 18; Austvangen, April 8; Beemsterdijk, April 5; Cefalu, March 7, March 21; City of Omaha, April 5; Contessa, March 14, March 28; Floride, April 5; Getuyo, April 3; Kota Gede, April 9; Maria, April 10; Monfiore, April 1; Rotterdam, April 4; St Mary, March 30; Tegucigalpa, March 24; West Hobomac, April 1

ACID, STEARIC—10 tons, Contessa, Havana; 10 tons, Cefalu, Havana
ASPHALT—20 dms, Contessa, Guayaquil; 27 tons, Cefalu, Antofogasta; 10 tons, Rotterdam, Rotterdam; 5 tons, Beemsterdijk, Rotterdam; 45 tons, City of Omaha, Havre; (Floride) 27 tons, Havre; 29 tons, Antwerp; 26 tons, West Hobomac, Hamburg; 11 tons, City of Omaha, Havre
GILSONITE—53 sx, Monfiore, Genoa
BARYTES, GRD—25 tons, Contessa, Havana; 25 tons, Cefalu, Havana
BLACK CARBON—4 tons, Ada O, Genoa; (Tetuyo) 243 sx, 20 cs, Yokohama; 235 sx, 11 cs, Kobe; 1 ton, Rotterdam, Amsterdam; 30 tons, West Hobomac, Hamburg; (Beemsterdijk) 6 tons, London; 5 tons, Antwerp 30 tons, Rotterdam; 100 tons, City of Omaha, Havre; (Kota Gede) 100 cs, Port Swettenham; 60 cs, Singapore; 1,357 cs, Batavia; 10 cs, Padang; 50 cs, Sourabaya; 29 tons, Floride, Havre
BORAX—3 tons, Tegucigalpa, Tampico
CALCIUM, ARSENATE—(Cefalu) 16 tons, Paita; 16 tons, Callao
CLAY—47 tons, City of Omaha, Havre; 150 cs, Kota Gede, Balik-Papan
COMMON—(Rotterdam) 32 tons, Rotterdam; 5 tons, Amsterdam; 30 tons, Floride, Havre
FILTER—135 tons, Floride, Havre
GROUND—101 tons, Contessa, Havana; 79 tons, Beemsterdijk, Antwerp
COTTONSEED HULL SHAVING PULP—(Rotterdam) 49 tons, Rotterdam; 24 tons, Amsterdam
MEAL—5 tons, Contessa, Panama
DISTILLATE—30 dms, Contessa, Celba
FIRECLAY—40 dms, Austvangen, Georgetown
GASOLINE—17 tons, West Hobomac, Hamburg; 36 tons, City of Omaha, Havre; 36 tons, Floride, Havre
GREASE, LUBRIC—5 dms, Cefalu, Puerto Cabezas; (City of Omaha) 10 tons, Dunkirk; 102 tons, Antwerp
INSECTICIDE, LIQ—1 ton, Contessa, Guayaquil
KEROSENE—110 cs, Contessa, Puerto Cabezas; 6 dms, Cefalu, Puerto Cabezas; 100 cs, Austvangen, Kingston
LARD—(Contessa) 925 tins, Guayaquil; 1,000 tins, Buenaventura; 50 tins, Puntarenas
LICORICE PASTE—1 ton, Tegucigalpa, Vera Cruz
OIL, CHINAWOOD—10 dms, Cefalu, Havana
DIESEL—625 bbls, Contessa, Puerto Cabezas; 2 tons, Cefalu, Celba
FUEL—5 dms, Contessa, Puerto Cabezas; 206 tons, Cefalu, Ceiba; 1,400 bbls, Austvangen, Moengo
FURNACE—2 tons, Contessa, Puerto Cabezas
LINSEED—91 dms, Cefalu, Ceiba
LUBRICATING—30 dms, St Mary, Alvaro Obregon; 212 dms, 200 cs, Tegucigalpa, Vera Cruz; (Contessa) 31 dms, Puerto Cabezas; 500 dms, Valparaiso; 5 dms, Callao; 60 dms, Talcahuano; 5 dms, Antofagasta; 10 dms, Ceiba; (Cefalu) 3 dms, Ceiba; 40 dms, Puerto Cabezas; 457 tons, Maria, Fiume; 149 tons, West Hobomac, Hamburg; 4,635 bbls, Monfiore, Genoa; (City of Omaha) 15 tons, Havre; 14 tons, Dunkirk; 20 tons, Antwerp; (Floride) 9 tons, St Nazaire; 111 tons, Havre; 12 tons, Antwerp
MOTOR—3 tons, Contessa, Panama City
PINE—10 dms, Contessa, Havana; 2 tons, Beemsterdijk, Rotterdam
ORE CONC—51 tons, Beemsterdijk, London
PAINT—(Cefalu) 3 tons, Buenaventura; 12 tons, Cartagena; (Contessa) 1 ton, Colon; 2 tons, Puerto Cabezas; 1 ton, Guayaquil; 2 tons, Panama City; 1 ton, St Marv, Alvaro Obregon
PARAFFIN—(Tegucigalpa) 239 tons, Tampico; 66 tons, Vera Cruz; 28 tons, City of Omaha, Antwerp; 5 tons, West Hobomac, Rotterdam
PETROLATUM—30 tons, Floride, Antwerp
PETROLEUM, CRUDE—990 tons, Tetuyo, Osaka; 30 tons, City of Omaha, Antwerp
PRODUCTS—157 pkgs, Kota Gede, Penang
PHOSPHATE—3 tons, Contessa, Valparaiso

PINETAR—25 dms, Austvangen, Georgetown; 12 tons, City of Omaha, Havre; 35 dms, Kota Gede, Batavia
QUEBRACHO EXTRACT—23 tons, Tegucigalpa, Vera Cruz
ROSIN—170 dms, Cefalu, Talcahuano; 56 bbls, Getuyo, Kobe; (Contessa) 40 dms, Havana; 5 dms, Callao; 5 tons, Beemsterdijk, Antwerp; (Kota Gede) 200 dms, Batavia; 175 dms, Cheribon; 70 dms, Semarang; 10 dms, Sourabaya; 10 dms, Macassar
WOOD—(Cefalu) 150 dms, Valparaiso; 10 dms, Panama City; 75 tons, West Hobomac, Rotterdam
SALT—(Cefalu) 25 tons, Havana; 8 tons, Puerto Cabezas; 52 tons, Ceiba; (Contessa) 100 tons, Havana; 12 tons, Puerto Cabezas; 1 ton, Ceiba; 30 tons, Cefalu, Havana
SOAP—1 ton, Contessa, Panama City
SODA, CAUSTIC—2 tons, Contessa, Havana
PHOSPHATE—18 tons, Beemsterdijk, London
SOYBEAN CAKE—203 tons, Beemsterdijk, Antwerp; 101 tons, Floride, Havre
MEAL—(Contessa) 40 tons, Havana; 5 tons, Panama City
STARCH—356 tons, Beemsterdijk, London
TRIPOLI—(West Hobomac) 24 tons, Bremen-Bremerhaven; 3 tons, Bremen-Hamburg; 21 tons, Hamburg; 5 tons, Rotterdam
TURPENTINE—20 ctns, 2 dms, Cefalu, Panama City; 10 dms, Contessa, Havana
WOOD—5 dms, Contessa, Panama City
WAX, FLOOR—1 ton, Tegucigalpa, Vera Cruz

Norfolk Exports
Clearance Dates

Buenos Aires, April 19; Manchester Division, April 13; Muncaster Castle, April 16; West Cusseta, April 15

ACETONE—73 dms, West Cusseta, London
ALCOHOL, METHYLAMYL—1 dm, West Cusseta, London
COTTONSEED HULL SHAVINGS PULP — 4,955 bls, 707,876 lbs, West Cusseta, Hamburg
CROTONALDEHYDE—1 dm, West Cusseta, London
DI-ISOBUTYL KETONE—1 dm, West Cusseta, London
LACQUER SOLVENTS—1 bx, 150 lbs, West Cusseta, London
LIVERWORT LEAVES—2 bgs, 64 lbs, West Cusseta, London
METHYL CHLORIDE—13 cyls, 6,675 lbs, Buenos Aires, Buenos Aires
MICA, GRD—400 bgs, 40,000 lbs, West Cusseta, London
PHTHALATE—2 dms, West Cusseta, London
SILICA, GRD—210 bgs, 47,040 lbs, Manchester Division, Manchester
SLIPPERY ELM BARK—24 bgs, 1,449 lbs, West Cusseta, London
STARCH, CORN—1,495 bgs, Muncaster Castle, Manila
SULPHUR DIOXIDE—1 cyl, 3,295 lbs, Buenos Aires, Buenos Aires
TANNING EXTRACT—(Manchester Division) 425 bbls, 1,943 bgs, 547,502 lbs, Liverpool; 350 bbls, 209,828 lbs, Manchester; 225 bgs, 33,750 lbs, West Cusseta, Hamburg

Philadelphia Exports
Clearance Dates

Alegrete, April 14; Exiria, April 10; Fernhill, April 14; General Gassouin, April 22; Ingria, April 15; Manchester Brigade, April 20; Mormactide, April 18; Potter, April 17; Rudolph Albrecht, April 24; San Simeon, April 15; Troilus, April 17; West Cusseta, April 17

ALUMINA SULPHATE—500 bgs, Potter, Manila; 1,000 bgs, San Simeon, Buenaventura
AMMONIA NITRATE—50 dms, Troilus, Batavia
ANTI-KNOCK COMP—100 pkgs, West Cusseta, London
BENZOL—1 cs, Alegrete, Rio de Janeiro
CEMENT, REFRACTORIES — 1 pkg, West Cusseta, London
COALTAR INTERMEDIATES—7 dms, Ingria, Oporto
COLLODION COTTON—30 pkgs, Manchester Brigade, Liverpool
GREASE, LUBRIC—10 bbls, Ingria, Lisbon; 133 pkgs, West Cusseta, London; 15 pkgs, Potter, Shanghai; (San Simeon) 8 dms, Valparaiso; 11 dms, 14 hlf dms, Callao; 5 dms, 50 cs, Barranquilla; 2 cs, Troilus, Bangkok; 2 hlf dms, Exiria, Piraeus; 12 pkgs, Manchester Brigade, Liverpool
INK, BURNISHING—16 ctns, San Simeon, Panama
INSECTICIDE—(San Simeon) 16 ctns, Panama; 24 ctns, Arequipa; 90 ctns, Troilus, Singapore
LACQUER SOLVENT—5 pkgs, Potter, Tientsin via Shanghai
LICORICE EXTRACT—60 pkgs, West Cusseta, Hull; 20 pkgs, Manchester Brigade, Liverpool
PASTE—160 pkgs, West Cusseta, Hull; 15 pkgs, Manchester Brigade, Liverpool
WASTE—2 pkgs, West Cusseta, London
LITHOPONE—14 pkgs, West Cusseta, London
MINERAL SPTS—(Alegrete) 1,600 cs, Rio de Janeiro; 4,000 cs, Santos
NAPHTHA—20 cs, Alegrete, Rio de Janeiro
OIL, FUEL—294 cs, Alegrete, Santos
LUBRICATING—(Fernhill) 923 pkgs, Alexandria; 394 bbls, 12 dms, 179 cs, Lisbon; 47 pkgs, Beyrouth; 765 pkgs, Istanbul; (Ingria) 161 cs, Leixoes; 63 pkgs, Benguela; 50 pkgs, Mossamedes; 2 cs, Porto Amboim; 12 cs, Nove Rendondo; 40 pkgs, Loanda; 20 cs, Bissao; 35 cs, Tangier; 1,195 pkgs, Casablanca; 43 pkgs, Oudga; 46 cs, Gibraltar; 15 dms, Oran; 20 dms, Algiers; 20 dms, Bone; 50 cs, 4 qtr dms, 500 dms, 10 bbls, 58 pkgs, Marseilles; (Alegrete) 352 dms, 370 cs, Rio de Janeiro; 431 dms, 1,230 cs, Santos; 88 cs, 15 dms, Victoria; 230 cs, 50 dms, Paranagua; 165 cs, West Cusseta, London; (Potter) 216 pkgs, Manila; 263 pkgs, Hongkong; 330 pkgs, Shanghai; 263 pkgs, Haiphong; (San Simeon) 19 dms, 12 cs, Pereira; 10 dms, San Jose; 69 dms, Talcahuano; 4 dms, Arica; 1 bx, 106 dms, Valparaiso; 15 dms, Pimental; 1 ctns, Ariquipa; 59 dms, 41 hlf dms, Callao; (Troilus) 368 pkgs, Belawan Deli; 128 pkgs, Padang; 171 pkgs, Sibolga; 123 pkgs, Palembang; 45 pkgs, Singapore; 175 pkgs, Macassar; 90 pkgs, Menado; 574 pkgs, Batavia; 845 pkgs, Semarang; 2,389 pkgs, 49 dms, 10 ctns, Sourabaya; 72 pkgs, Penang; (Rudolph Albrecht) 19,916 bbls, St Louis du Rhone; 10,286 bbls, Rouen; 183,649 gls, London; 97 dms, 50 cs, 2 hlf dms, 60 pails, Exiria, Piraeus; (Manchester Brigade) 30 pkgs, Liverpool; 79 pkgs, Birmingham; 12 pkgs, Manchester; (General Gassouin) 8,757 bbls, Rouen; 2,158 bbls, St Louis du Rhone; (Kanangoora) 1,128 pkgs, Gothenburg; 213 pkgs, Norrkoeping; 121 pkgs, Helsingfors; 136 pkgs, Sundsvall; 1,623 pkgs Stockholm; 476 pkgs, Malmo; 50 pkgs, Turku
NEATSFOOT—10 bbls, Ingria, Marseilles; (Mormactide) 3 dms, Santos; 6 dms, Buenos Aires
TRANSFORMER—(Alegrete) 10 dms, Rio de Janeiro; 10 dms, Santos
PAINT—(Ingria) 4 ctns, 95 kits, Oporto; 100 kits, Lisbon; 1 pkg, Potter, Manila; 1 bbl, 10 dms, Mormactide, Buenos Aires
THINNER—(Ingria) 1 dm, Oporto; 30 kits, Lisbon
PARAFFIN—84 bbls, Fernhill, Alexandria; 400 bgs, Ingria, Oporto; (Alegrete) 41 bbls, Rio de Janeiro; 50 bbls, Santos; 1,045 pkgs, Manchester Brigade, Manchester
REFINED—(Ingria) 300 bgs, Lisbon; 200 bgs, Oporto; (Alegrete) 10 ctns, Rio de Janeiro; 50 ctns, 50 bgs, Santos
POLISH—(San Simeon) 20 ctns, 6 cs, Panama; 39 ctns, Guayaquil
RESIN, COALTAR—7 pkgs, Manchester Brigade, Manchester
SOAP—300 pkgs, West Cusseta, London
SODA ASH—1 pkg, Manchester Brigade, Liverpool
SILICA—200 pkgs, West Cusseta, London
TANNING EXTRACT—15 pkgs, Manchester Brigade, Manchester
FINISHES—31 pkgs, Potter, Manila
MATERIAL—4 pkgs, Potter, Manila; 59 bbls, Mormactide, Buenos Aires
VARNISH—8 ctns, Ingria, Oporto
WAX, FLOOR—2 pkgs, Potter, Kauai via Honolulu

Port Arthur Exports
Clearance Dates

Germania, April 8; Good Gulf, April 11; Jotunfjell, April 13; Nashaba, April 11; Vanja, April 4; West Chatala, April 8

ASPHALT—(Germania) 257 dms, 15 cs, Stockholm; 10 dms, Malmo
PETROLEUM—(West Chatala) 239 dms, Liverpool; 489 dms, 995 bbls, Manchester; (Nashaba) 2,681 bbls, 1,564 dms, London; 63 bbls, 26 dms, Newcastle; 49 dms, Dundee
GASOLINE—90,712 bbls, Germania, Stockholm/Malmo; 34,784 bbls, Good Gulf, Antwerp; (Jotunfjell) 50,707 bbls, Rio de Janeiro; 26,794 bbls, Pernambuco
GREASE, LUBRIC—(Germania) 492 dms, 280 cs, Stockholm; 243 dms, 187 cs, Malmo; 60 dms, 200 ctgs, 60 pls, 5 ctns, Manchester; 17 dms, 158 ctgs, 150 pls, 100 ctns, London
KEROSENE—(Germania) 11,124 bbls, Stockholm/Malmo; 25 dms, Stockholm; 50 dms, West Chatala, Manchester; 50 dms, Nashaba, London; 25,432 bbls, Jotunfjell, Pernambuco
OIL, DIESEL—6,792 bbls, Germania, Stockholm/Malmo
FUEL—4,110 bbls, Good Gulf, Antwerp
GAS—67,975 bbls, Vanja, Antwerp
LUBRICATING—(Germania) 50 dms, 815 cs, 1 cs samples, Stockholm; 457 dms, 378 cs, Malmo; (Good Gulf) 27,632 bbls, 532 dms, Antwerp; 16,258 bbls, London
LUBRICATING, PALE—710 dms, 50 bbls, 305 ctgs, 17 ctns, Germania, Manchester; 228 dms, 25 ctns, 30 cs, 5 bbls, Nashaba, London
PARAFFIN—20 cs, Germania, Stockholm

San Francisco Exports
Clearance Dates

Bengalen, April 1; Cellina, April 6; Chipana, April 5; City of San Francisco, April 1; Erria, April 5; Leiv Eirikson, April 3; Loch Goil, April 5; Richmond, April 2; Sandhamm, April 6; San Mateo, April 5; Terukawa, April 4; Toa, April 3; Venice, April 3; Warwick, April 1

ABRASIVE PAPER—1 cs, Cellina, Panama
ACETATE—2 dms, Bengalen, Calcutta
ACETONE—(Bengalen) 5 dms, Manila; 1 dm, Calcutta
ACID, FATTY—675 sks, Venice, Ecuador
MURIATIC—3 crbys, Chipana, La Union
NITRIC—2 crbys, Chipana, La Union
ALKALI, TANNERS'—10 bbls Venice, Mexico
ALUMINUM PASTE—1 kg, Venice, Mexico
AMMONIA, ANHYD—17 cyls, Venice, Chile
APRICOT KERNELS—100 sks, Loch Goil, Holland
ASPHALT — (Bengalen) 1,639 dms, Rangoon; 100 dms, Sourabaya; 120 dms, Batavia; 2,450 dms, Calcutta; 10 dms, Singapore; 1,077 tons, Richmond, Vancouver; 5 cs, 5 sks, Loch Goil, Colombia
GILSONITE—312 sks, Bengalen, Calcutta
BEVERAGE, CONC—3 kgs, Bengalen, Sourabaya
BLACK, CARBON—(Bengalen) 36 cs, Singapore; 2 cs, Batavia
BORAX—8 cs, Chipana, La Union
CALCIMINE—1 cs, Loch Goil, Colombia; 40 cs, Cellina, Colombia
CANARY SEED—200 sks, Loch Goil, England
CEMENT, ROOF—5 cs, Bengalen, Samarang; 5 pls, 3 cs, Loch Goil, England
CHEMICALS—(Bengalen) 1 cs, Batavia; 1 cs, Calcutta; 11 cs, 2 kgs, 42 dms, Manila
CINNAMON—31 bls, Chipana, La Libertad
CLEANER—(Bengalen) 3 cs, Rangoon; 13 cs, Sourabaya
CLOVES—(Chipana) 1 sk, San Jose de Guatemala; 1 sk, La Libertad
COLOR, DRY—2 cs, Terukawa, Guatemala
COPRA—1,120,000 lbs, Sandhamm, Mazatlan
CREAM TARTAR—2 cs, City of San Francisco, Panama
CUMIN SEED—1 sk, Venice, Puntarenas
DRESSING, TOP—1 cs, Terukawa, Guatemala
EGG POWDER—1 cs, Loch Goil, Colombia
FISHMEAL—40 sks, Chipana, Puntarenas
FLYSPRAY—(Bengalen) 20 cs, Macassar; 3 cs, Rangoon; 10 cs, Singapore; 90 cs, Venice, Peru; 1 cs, Loch Goil, Colombia
GASOLINE—600 dms, Bengalen, Manila; 25 dms, Richmond, Vancouver; 1 cs, Venice, Ecuador; (Loch Goil) 3 dms, England; 2 dms, Holland; 500 cs, Chipana, Puntarenas
GREASE, LUBRIC—(Bengalen) 25 pls, 92 cs, Macassar; 1,600 lbs, Padang; 5 pls, Calcutta; 14 dms, 68 pls, 19 cs, Richmond, Vancouver; (Venice) 4 dms, Puntarenas; 1 dm, 22 pls, 16 cs, Ecuador
GUM, CHIPS—1 kg, Mexico
HOPS—7 bls, Loch Goil, Norway
INSECTICIDE—5 cs, Chipana, La Libertad
AGRICULTURAL—2 dms, City of San Francisco, Port au Prince
HOUSEHOLD—4 cs, Venice, Ecuador
LIQUID—4 cs, Venice, Ecuador
KAVA KAVA—33 sks, Loch Goil, England
KEROSENE—200 dms, Bengalen, Manila; 200 cs, Venice, Puntarenas; 300 cs, Chipana, San Jose de Guatemala
LACQUER—12 cs, Chipana, San Salvador; 11 cs, Cellina, Panama
THINNER—50 pls, 12 cs, Cellina, Panama
LEAD, ARSENATE—25 cs, Cellina, Portugal
RED—1 bbl, Chipana, Puntarenas
WHITE, IN OIL—2 cs, Terukawa, Guatemala; 1 bbl, Chipana, Puntarenas
LITHARGE—20 dms, Bengalen, Manila; 1 bbl, Chipana, La Union
MEDICINAL PREPS—1 cs, Loch Goil, Colombia
PREPS, VET—1 cs, Bengalen, Calcutta
METHYLENE CHLORIDE—4 dms, Loch Goil, Holland; 12 dms, Erria, Hull
MINERAL SPTS—615 dms, Venice, Chile
NAPHTHA, PETROL — 100 dms, Richmond, Vancouver
NAPHTHALENE, BALL — 4 cs, Bengalen, Iloilo
NAPHTHIONATE—8 dms, 3 cs, Richmond, Vancouver
NUTMEGS—1 sk, Venice, Puntarenas; 1 sk, Chipana, La Libertad
OIL, COCONUT—(Venice) 85 dms, Puntarenas; 65 dms, Ecuador; 25 dms, Chipana, Puntarenas
COTTONSEED—10 dms, City of San Francisco, Havana
COTTONSEED FLAKES—1,000 sks, Bengalen, Manila
CREOSOTE—1 cs, Loch Goil, Colombia
CYLINDER—5 dms, Bengalen, Rangoon
DIESEL—5,217 bbls, Richmond, Vancouver
FISH, HARD—10 sks, Venice, Ecuador
FUEL—80,112 bbls, Toa, Japan
GAS—(Bengalen) 7,632 bbls, Manila; 4,880 bbls, Opon
LUBRICATING—(Bengalen) 11 dms, 20 cs, Macassar; 185 dms, Rangoon; 50 dms, Madras; 8 dms, Padang; 15 dms, Belawan; 20 dms, Pontianak; 30 dms, Djambi; 85 dms, Medan; 60 dms, 5 cs, Calcutta; 70 dms, Sourabaya; 54 dms, Semarang; 45 dms, Palembang; 130 dms, Batavia; 25 dms, Singkawang; 1,300 bbls, Warwick, Port Moody; 369 bbls, 13 pls, Richmond, Vancouver; (Venice) 63 dms, 34 cs, Ecuador; 75 dms, Chile; 6 dms, Terukawa, Cuba; 25 dms, Erria, Kingston
MINERAL—8 cs, Richmond, Vancouver
PAINT—11 pls, City of San Francisco, Panama; 31 cs, 10 dms, Bengalen, Calcutta; 40 cs, Terukawa, Guatemala; (Loch Goil) 152 kgs, 239 cs, 6 dms, Colombia; 23 pls, 27 cs, England; 1 cs, Chipana, San Salvador; 254 cs, 22 kgs, Cellina, Colombia
ALUMINUM—4 cs, Chipana, San Salvador
BITUMINOUS—3 dms, 22 kgs, 9 cs, Loch Goil, Colombia
ENAMEL—2 cs, Cellina, Panama
PASTE—21 cs, 24 kgs, Loch Goil, Colombia
ROOF—1 dm, Richmond, Vancouver
THINNER—3 dms, Richmond, Vancouver; 5 dms, Loch Goil, Colombia; 3 cs, Chipana, San Salvador
VEHICLE—3 cs, Venice, Mexico
PARAFFIN—137 sks, San Mateo, Puerto Colombia
PEPPER—(Chipana) 2 sks, San Jose de Guatemala; 1 sk, La Libertad
BLACK—2 sks, Venice, Puntarenas
WHITE—2 dms, Venice, Puntarenas
PETROLEUM, CRUDE — 100,000 bbls, Liev Erickson, Japan
REFINED—(Bengalen) 10 dms, Calcutta; 10 dms, Batavia
SOLVENT—5 dms, Bengalen, Manila; 105 dms, Richmond, Vancouver
SPIRITS—10 dms, Bengalen, Manila
POLISH—3 cs, Cellina, Panama; 1 cs, Bengalen, Rangoon; 6 cs, Venice, Ecuador; (Chipana) 3 cs, San Jose de Guatemala; 1 cs, La Libertad
POTASH XANTHATE—12 dms, Venice, Chile; 135 dms, Cellina, Yugoslavia
PUTTY—1 cs, Cellina, Panama
SETTLING COMP—1 kg, Venice, Mexico
SHELLAC—4 cs, Cellina, Colombia
SOAP, TOILET—2 cs, Loch Goil, Colombia
SODA, BICARBONATE—2 bbls, Chipana, La Union
SULPHUR—10 sks, Loch Goil, England
TALLOW—50 dms, Venice, Panama; 20 dms, Terukawa, Colombia
TAPIOCA—20 sks, Venice, Ecuador
TOILET PREPS—1 cs, Bengalen, Singapore
VARNISH—1 cs, Terukawa, Guatemala; 12 cs, Loch Goil, Colombia; 3 cs, Chipana, San Salvador; 5 cs, Cellina, Colombia
WATERPROOFING COMP—10 cs, Bengalen, Batavia
WAX, FLOOR—4 cs, Richmond, Vancouver; 1 cs, Chipana, San Salvador
XANTHATE REAGENT—35 dms, Venice, Bolivia
ZINC DUST—50 dms, Bengalen, Manila

Savannah Exports
Clearance Dates

Chinese Prince, April 15; Monfiore, April 18; Muncaster Castle, April 18; Peter Maersk, April 12; Sorholt, April 13; Trolleholm, April 17

GLUCOSE—30 bbls, Sorholt, Hongkong
OIL, PINE—156 dms, Peter Maersk, Kobe
ROSIN, GUM—(Chinese Prince) 309 bbls, Shanghai; 50 bbls, Hongkong; 200 dms, 100 bbls, Muncaster Castle, Shanghai; 200 bbls, Trolleholm, Havana; 110 bbls, Peter Maersk, Shanghai
WOOD—200 bbls, Peter Maersk, Shanghai; 50 dms, Muncaster Castle, Manila
TURPENTINE, GUM—5 dms, Trolleholm, Havana; 10 dms, 50 cs, Peter Maersk, Shanghai
WOOD—6 cs, Chinese Prince, Manila; 4 dms, 100 pls, Muncaster Castle, Manila

Tampa Exports
Clearance Dates

Akiura, April 13; Cuba, April 15; Fresno City, April 14; General Tosta, April 14; Lenda, April 13

GASOLINE—1 dm, General Tosta, Belize
OIL, LUBRICATING—75 cs, Cuba, Havana
MOTOR—10 cs, Cuba, Havana
PHOSPHATE—6,317 tons, Lenda, Sorel; 8,522 tons, Fresno City, Yokohama; 3,700 tons, Akuira, Kobe/Osaka

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—71,277 bbls, Edward L Doheny, Baytown
OIL, FUEL—32,213 bbls, Glenpool, Baytown
GAS—18,421 bbls, Amsco, New York
PETROLEUM CRUDE—91,615 bbls, Dannedalke, Texas City; 86,058 bbls, Broad Arrow, Providence; 87,648 bbls, Java Arrow, Port Neches; 63,487 bbls, Franklin K Lane, Baytown; 111,189 bbls, F Q Barstow, Baytown; 20,858 bbls, Hoegh Giant, Baytown; 144,072 bbls, G Harrison Smith, Baytown; 114,680 bbls, E M Clark, Baytown; 47,223 bbls, Thermo, Baytown

Galveston Coast Trade

SULPHUR, CRUDE—(Henry D Whiton) 600 tons, Oakland; 2,361 tons, Portland; 1,389 tons, Hoquiam; 500 tons, Port Angeles; 600 tons, Bellingham

Los Angeles Coast Trade

GASOLINE—51,500 bbls, Camden, Seattle; 3,600 bbls, San Diegan, San Diego; 29,197 bbls, L P St Claire, Seattle; 71,892 bbls, Associated, Avon; 6,579 bbls, San Diegan, San Diego; 40,000 bbls, Baldbutte, Seattle; 53,792 bbls, Mojave, Seattle; 37,368 bbls, Edwin B de Golio, Portland; 69,927 bbls, Huguenot, San Francisco
KEROSENE—2,843 bbls, L P St Clair, Seattle; 3,500 bbls, Baldbutte, Seattle
OIL, DIESEL—24,000 bbls, Camden, Seattle; 19,705 bbls, L P St Clair, Seattle; 32,000 bbls, Baldbutte, Seattle; 36,829 bbls, Warwick, Portland; 18,136 bbls, Mojave, Seattle; 11,631 bbls, Huguenot, San Francisco
FUEL—65,035 bbls, Frank G Drum, Avon; 64,487 bbls, Emidio, Davenport; 32,078 bbls, L P St Clair, Seattle; 627 bbls, L P St Clair, Seattle; 2,256 bbls, Coast Shipper, Portland; 1,885 bbls, Scotia, Eureka; 7,121 bbls, Stanley A Griffiths, Tacoma; 7,044 bbls, Mojave, Seattle; 75,000 bbls, Swiftscout, New York; 71,000 bbls, Swiftarrow, New York; 47,181 bbls, Torres, Seattle
FLUSHING—2,512 bbls, Emidio, Davenport
FURNACE—4,786 bbls, L P St Clair, Seattle; 6,358 bbls, Warwick, Portland; 3,661 bbls, Mojave, Seattle
SOLVENTS, CLEANING—2,012 bbls, L P St Clair, Seattle

New Orleans Coast Trade

SULPHUR, CRUDE—(Henry D Whiton) 500 tons, Everett; 650 tons, Longview

Cargo Ship Arrivals
April 22 to May 5

New York

Agwistar	Tampico*	Apr 27
Alamar	Grays Harbor*	Apr 28
American Merchant	London	May 1
American Shipper	Manchester*	May 1
American Trader	London	Apr 24
Ancon	Cristobal	Apr 24
Angelina	San Juan	May 1
Aquitania	Southampton*	Apr 28
Arizonan	Portland*	Apr 27
Asakasan	Yokohama*	Apr 30
Astrid Thorden	Kotka*	May 3
Atlantic	Honolulu*	Apr 30
Balzac	Bahia*	May 1
Batory	Gdynia*	May 2
Benedict	Bahia*	May 4
Birmania	Trieste*	Apr 25
Black Condor	Antwerp*	Apr 25
Black Gull	Antwerp*	May 1
Black Hawk	Antwerp*	Apr 27
Bonheur	La Plata*	Apr 25
Borinquen	Trujillo*	Apr 24
Brazil	Buenos Aires*	May 2
Britannic	Liverpool*	May 1
California	Glasgow*	Apr 30
Californian	Tacoma*	May 2
Carolina Thorden	Kotka	Apr 24
Cathlamet	Winnebah*	May 4
Champlain	Havre*	Apr 27
Chiriqui	Port Limon*	Apr 30
City of Adelaide	Calcutta*	Apr 24
City of Baltimore	San Francisco*	May 2
City of Flint	Hamburg*	Apr 24
City of Glasgow	Auckland	Apr 24
City of New York	Capetown*	May 5
City of Norfolk	San Francisco*	Apr 25
City of Singapore	Batavia*	May 5
Coamo	Trujillo*	May 1
Consul Corfitzon	Gefle	May 1
Conte Di Savoia	Genoa*	Apr 27
East Indian	Buenos Aires*	May 1
Emergency	Seattle*	Apr 30
Emilia	San Juan	Apr 24
Europa	Bremen*	Apr 24
Ewa	Honolulu*	May 1
Excalibur	Beirut*	Apr 26
Exchester	Istanbul*	Apr 29
Glaucus	Batavia*	Apr 30
Gripsholm	Gothenburg	Apr 29
Gran	Marseilles*	Apr 27
Guayaquil	Port au Prince*	May 1
Hamburg	Hamburg*	Apr 28
Hollywood	Portland*	May 3
Huzikawa	Manila*	Apr 24
Ida	Trieste*	Apr 26
Iguassu	Santos*	May 4
Ilsenstein	Antwerp*	Apr 27
Independence Hall	Havre*	Apr 28
Ingrid	Paramaribo*	May 2
Inverbank	Calcutta*	Apr 28
Javanese Prince	Shanghai*	May 3
Jean Jadot	Antwerp	May 1
Jeff Davis	Shanghai*	May 3
Kaimata	Sydney	May 4
Kiyokawa	Yokohama*	Apr 29
Kota Inten	Macassar*	May 2
Kyno	Hull*	Apr 29
Lafcomo	Los Angeles	May 1
Lancaster	Seattle*	Apr 26
Maine	Mombasa*	May 4
Manhattan	Hamburg*	Apr 27
Mattawin	Accra*	May 2
Missouria	Tacoma*	Apr 24
Mormacmar	Buenos Aires*	May 6
Mormacstar	Buenos Aires*	Apr 25
Munargo	Havana*	Apr 27
Munsterland	Hongkong*	May 4
Naruto	Keelung*	Apr 26
Nerissa	Trinidad*	Apr 29
Nieuw Amsterdam	Rotterdam*	Apr 28
Noordam	Rotterdam	Apr 24
Nordarney	Rosario*	May 3
Normandie	Havre*	May 1
Norman Monarch	Port Alberni*	Apr 28
Noto	Shanghai*	Apr 24
Oakmar	Linneton*	May 1
Oremar	Prescott*	May 1
Orizaba	Vera Cruz*	Apr 25
Oslofjord	Oslo*	Apr 27
Pastores	Puerto Barrios*	Apr 27
Pennland	Antwerp*	May 2
Platano	Cristobal*	Apr 26
Quirigua	Barranquilla*	Apr 27
San Jacinto	La Romana*	Apr 26
Santa Barbara	San Antonio*	Apr 25
Santa Elena	Curacao*	Apr 25
Santa Inez	Chanaral*	May 2
Santa Rosa	Curacao*	May 1
Sanyo	Dairen*	Apr 29
Scanmail	Gdynia*	Apr 30
Scanyork	Gdynia*	Apr 30
Scythia	Liverpool*	Apr 25
Siboney	Vera Cruz*	May 2
Silvaplana	Manila*	Apr 28
Silvercedar	Manila*	May 30
Susan V Luckenbach	Seattle*	Apr 29
Svanhild	Aalborg	May 4
Tai Ping	Manila*	Apr 30
Terukawa	Dairen*	Apr 25
Torvanger	Cyprus	Apr 30
Vingaren	Norrkoping*	Apr 24
Western Prince	Buenos Aires*	Apr 26
Zarembo	Matadi*	May 6

* And other ports

Recent Charters

BAUXITE ORE—1,447 tons, S S Lovland, Mackenzie River to Canada, $2.50; May
PETROLEUM — 4,411 tons, S S Malmanger, dirty, Aruba, Venezuela or Curacao to Northern States, 6s; May
4,752 tons, S S Solheim, dirty, Aruba, Venezuela or Curacao to Northern States, 5s 6d; May
95,000 bbls, S S Champagne, 5 percent dirty; two trips, Venezuela to Northern States, 20c a barrel; May 1-15

100,000 bbls, S S Strinda, 5 percent dirty, Venezuela to Northern States, 20c a barrel; May
4,569 tons, S S Svenor, dirty, Venezuela to Northern States, 6s; June
3,340 tons, S S Bianca, dirty, three trips, Venezuela to Northern States, 6s 6d; May-June
4,767 tons, S S Sandefjord, dirty, three trips, Venezuela to Northern States, 6s 6d; May-June
3,663 tons, S S Vanja, dirty, three trips, Venezuela to Northern States, 6s 6d; May-June
3,719 tons, S S Strix, clean, Venezuela to United Kingdom, Continent, Bordeaux and Hamburg range, 10s; May
4,751 tons, S S Orion, dirty, three trips, Venezuela to Northern States, 6s 6d; May
3,294 tons, S S Nyholm, dirty, three trips, Venezuela to Northern States, 6s 6d; May
6,602 tons, S S O A Knudsen, dirty, three trips, Venezuela to Northern States, 6s 6d; May
5,527 tons, S S Sir Osborn Holmden, dirty, two trips, Venezuela to Northern States, 6s 6d; May
3,759 tons, S S Basbro, dirty, Gulf to Copenhagen, Stockholm, 15s; May
3,883 tons, S S Cleopatra, dirty, three trips, Venezuela to Northern States, 23½c a barrel; May
3,697 tons, S S Madrono, dirty, Gulf to United Kingdom, Continent, 11s 3d; May
5,041 tons, S S Duffield, dirty, Aruba to United Kingdom, Continent, 9s 9d; May
9,500 tons, S S ——, dirty, Aruba to United Kingdom, Continent, 10s 6d; May
—— tons, S S ——, dirty, Aruba to United Kingdom, Continent, 25c a barrel; May

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that, products offered for import were adulterated or misbranded under the Federal food and drug act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York

Week Ended April 26

Cassia oil, 10 cases; not U.S.P.
Cod oil, 1,150 drums; restricted use.
Eucalyptus oil, Formosan, 10 drums; restricted use.
Medicinal preparations, 2 parcels; new drug.
Medicinal preparations, 9 cases; false therapeutic claims.
Medicinal preparations, 1 case; false therapeutic claims; new drug.
Nutmegs, 84 bags; restricted use.
Nutmegs, 102 bags; moldy.
Sesame seed, 100 bags; filthy.

Boston

Week Ended April 26

Medicinal preparation, 6 packages; false therapeutic claims.

Buffalo

Week Ended April 26

Medicinal preparation, 2 packages; new drug; false therapeutic claims.

San Francisco

Week Ended April 20

Medicinal appliance, one piece; dangerous to health; new drug.
Medicinal preparations, 84 pieces; false therapeutic claims.
Medicinal preparations, 27 pieces; false therapeutic claims; new drug.
Medicinal preparations, 10 pieces; new drug; false therapeutic claims; dangerous to health.

Seattle

Week Ended April 20

Medicinal preparations, 60 pieces; dangerous to health; acetanilid incorrectly declared.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any district office or co-operative office of the bureau, and not to this publication. When writing give the number of the item:—

Acetate, Isopropyl:—Agency; London, England (1458).
Acetone:—Agency; London, England (1458).
Alcohol, Isopropyl:—Agency; London, England (1458).
Chemicals, aromatic:—Purchase and agency; Cairo, Egypt (1459).
Chemicals, industrial:—Agency; Athens, Greece (1483).
Chemicals, photographic:—Agency; Cairo, Egypt (1517).
Chemicals, tanning:—Purchase; Guayaquil, Ecuador (1554).
Colors:—Purchase; Basel, Switzerland (1453).
Flaxseed:—Agency; Bogota, Colombia (1463).
Ink, printing:—Agency; Santiago, Chile (1488).
Lacquers:—Purchase; Panevezys, Lithuania (1455).
Lacquer materials:—Agency; London, England (1458).
Medicines, proprietary:—Agency; Bogota, Colombia (1463).
Methyl acetone:—Agency; London, England (1458).
Methyl ethyl ketone:—Agency; London, England (1458)
Methylene chloride:—Agency; Bogota, Colombia (1463).
Naval Stores:—Purchase and agency; Alexandria, Egypt (1451).
Naphthalene:—Agency; Bogota, Colombia (1463).
Paint:—Agency; San Jose, Costa Rica (1487).
Paint:—Agency; Johannesburg, South Africa (1506).
Paint:—Agency; London, England (1457).
Paint raw materials:—Agency; London, England (1464).
Paint:—Agency; London, England (1458).
Pharmaceuticals: — Agency; Havana, Cuba (1462).
Resins, Synthetic:—Agency; London, England (1458).
Soap-manufacturing materials:—Agency; Bogota, Colombia (1463).
Soda ash:—Agency, Bogota, Colombia (1463).
Soda Bicarbonate:—Agency; Bogota, Colombia (1463).
Soda, caustic:—Agency; Bogota, Colombia (1463).
Soda silicate:—Agency; Bogota, Colombia (1463).
Titanium oxide:—Purchase; Paris, France (1456).
Toilet preparations:—Agency; Cairo, Egypt (1460).
Turpentine:—Agency; Bogota, Colombia (1463).
Waxes:—Agency; London, England (1458).
Waxes:—Agency; Toronto, Canada (1464).

Trade Briefs

Elmo Thompson has been elected a director of the Sunray Oil Company, San Francisco.

Howard Keck has been elected to the directorate of the Superior Oil Company of California.

Indiana Oil & Refining Company has been formed in Gladewater, Tex., with Lon Huddleston as president.

C. E. Deeds was elected to the directorate of the Mead Corporation in place of his father, E. A. Deeds.

Continental Oil Company, Denver, plans to enlarge its gasoline absorption plant in its Lance Creek field, Wyo.

L. C. Decius has been elected a vice-president and director of the West Coast Oil Company, San Francisco.

W. V. Hartmann, vice-president in charge of sales for Gulf Oil Corporation, has been elected to the board of directors.

Mexico is studying the possibility of erecting a $2,000,000 natural gas pipeline from Pozarica, near Tampico, to Mexico City.

Marland Oil Company, Ponca City, Okla., being reorganized by E. W. Marland, plans to issue to 200,000 shares of $5 par value stock.

E. W. Atkinson, comptroller of the Lion Oil Refining Company, El Dorado, Ark., has been elected to the board of directors.

Barnsdall Oil Company has increased its bank borrowings to $7,500,000 from $5,000,000, the debt to be funded over an eight-year period.

Life Bottling Company, Los Angeles, plans to sell at par 100,000 shares of $1 par common stock out of an authorized issue of 500,000 shares.

David D. Moffat, of the Utah Copper Company, has been appointed chairman of the Western division of the American Mining Congress.

F. B. Warren, vice-president in charge of sales for the Bessemer Limestone & Cement Company, has been elected to the directorate.

R. F. Richard, general manager of the phosphate division of the Monsanto Chemical Company, St. Louis, was a visitor to the New York office last week.

Arthur D. Little, Inc., industrial research, Cambridge, Mass., elected Charles E. Spencer, jr., president of the First National Bank of Boston, to its directorate.

J. C. West has been elected to the directorate of Sharpe & Dohme, Inc., pharmaceutical manufacturer, Philadelphia. He fills a vacancy created by the resignation of P. B. Lee.

Fairbanks, Morse & Co., Chicago, has called for payment June 1, 1939, at 102¼ and interest, $150,000 of its 4 percent debentures, due June 1, 1956, at First National Bank, Chicago.

Cinchona bark and a number of other botanical drugs, spices and oils are offered for export to the United States by a concern in Ceylon. Particulars may be obtained by writing to Reference No. 169, Department of Commerce and Industries, Colombo, Ceylon.

Paint, Varnish, Lacquer Sales Up

The value of paint, varnish, lacquer and fillers sold in March, as reported by 680 establishments to the Bureau of Census, was $32,888,356. Details of sales reported by these establishments and comparative data for 1938 follow:—

		Classified sales reported by 580 establishments			Unclassified
	Total sales reported by 680 establishments.	Trade sales of paint, varnish, and lacquer.	Industrial sales: Total.	Industrial sales: Paint and varnish.	Industrial sales: Lacquer.	sales reported by 100 establishments.
1939.						
January	$25,166,042	$12,496,706	$10,269,334	$6,942,879	$3,326,455	$2,400,002
February	25,399,464	13,145,314	10,019,901	6,777,622	3,242,279	2,234,249
March	32,888,357	17,656,995	12,112,220	8,278,015	3,834,205	3,119,142
Totals, 3 mos.	$83,453,863	$43,299,015	$32,401,455	$21,998,516	$10,402,939	$7,753,393
1938.						
January and Feb.	44,741,101	23,983,751	16,225,080	11,203,829	5,021,251	4,532,270
March	30,728,890	17,227,950	10,417,161	7,285,635	3,131,526	3,083,779
Totals, 3 mos.	$75,469,991	$41,211,701	$26,642,241	$18,489,464	$8,152,777	$8,616,049
April	34,731,597	20,861,998	10,392,797	7,497,010	2,894,787	3,476,802
May	36,827,421	22,900,709	10,135,607	7,292,333	2,843,274	3,791,105
June	33,936,706	20,767,900	9,763,856	7,049,096	2,714,760	3,404,950
July	27,946,084	16,368,159	8,806,128	6,384,620	2,421,508	2,771,797
August	30,182,013	17,224,845	9,894,867	6,879,994	3,014,873	3,062,301
September	31,046,584	17,431,211	10,492,087	7,139,367	3,352,720	3,123,286
October	30,007,078	16,128,067	10,985,822	7,343,960	3,641,862	2,893,189
November	26,253,314	13,183,545	10,638,281	6,950,589	3,687,692	2,431,488
December	21,281,326	9,885,307	9,293,043	6,166,468	3,126,575	2,102,976
Totals, year	$347,682,114	$195,963,442	$117,044,729	$81,193,901	$35,850,828	$34,673,943

Corporation Earnings Recently Reported

		1939		1938	
	Period.	Net income.	Per share.	Net income.	Per share.
Atlas Powder Co.	Qtr.	$220,707	$0.54	$216,506	$0.52
Barnsdall Oil Co.	Qtr.	565,417	.25	923,797	.41
Bausch & Lomb Optical Co.	Qtr.	273,568	.51	136,894	.23
Bon Ami Co.	Qtr.	332,985	.91	337,309	.92
Cerro de Pasco Copper Corp.	Year	1,989,072	1.77	5,817,619	5.18
Climax Molybdenum Co.	Qtr.	1,257,524	.50	1,991,806	.79
Commercial Solvents Corp.	Qtr.	198,042	.08	*214,448	...
DuPont (E.I.) de Nemours & Co.	Qtr.	19,075,376	1.53	9,060,602	.62
Ex-Cell-O Corp.	Qtr.	149,771	.38	132,063	.34
Granby Cons. Min'g, Sm. & Pow. Co.	Ltd.-Qtr.	102,748	.23	42,244	.09
Gulf Oil Corp.	Year	13,017,076	1.43	31,834,065	3.51
Hercules Powder Co.	Qtr.	1,087,322	.73	656,027	.40
Hinde & Dauch Paper Co.	Qtr.	152,575	.30	184,904	.39
Interchemical Corp.	Qtr.	318,714	.76	11,795	...
Jefferson Lake Oil Co.	Qtr.	*387,268	.39	.....	...
Jones & Laughlin Steel Corp.	Qtr.	*376,525	...	*1,147,506	...
Lambert Co.	Qtr.	433,443	.58	390,001	.52
Lehn & Fink Products Corp.	Qtr.	232,307	.58	103,891	.26
Libby, McNeill & Libby	Year	*3,354,277	...	2,777,792	.89
Libbey-Owens-Ford Glass Co.	Qtr.	1,722,780	.69	*371,527	...
MacAndrews & Forbs Co.	Year	723,942	1.99	886,283	2.52
Mid-Continent Petroleum Corp.	Year	1,043,792	.56	5,304,877	2.86
Norwich Pharmacal Co.	Qtr.	165,785	.21	136,275	.17
Oliver United Filters, Inc.		*32,022	...	122,108	.47
Penick & Ford, Ltd., Inc.	Qtr.	283,092	.77	368,890	1.00
Pennsylvania Coal & Coke Corp.	Qtr.	*39,119	...	*59,559	...
Pennsylvania Glass Sand Corp.	Qtr.	120,690	.24	70,913	.08
Phillips Petroleum Co.	Qtr.	1,485,553	.33	2,314,642	.52
Procter & Gamble Co.	9 mos.	18,469,038	2.80	12,185,155	1.80
Ruberoid Co.	Qtr.	*94,427	...	*193,758	...
Shell Union Oil Corp.	Qtr.	478,266	.001	2,907,447	.19
Socony-Vacuum Oil Co., Inc.	Year	40,106,917	1.29	56,808,264	1.82
Standard Brands, Inc.	Qtr.	1,767,110	.12	2,364,731	.17
Texas Gulf Sulphur Co.	Qtr.	1,434,466	.37	1,839,687	.48
Union Carbide & Carbon Corp.	Qtr.	5,298,885	.58	4,209,333	.47
Walgreen Co.	6 mos.	1,341,713	.86	881,832	.51
Zonite Products Corp.	Qtr.	12,337	.01	28,100	.03

* Deficit.

Patents Symposium May 2 Sponsored by Bar Ass'n

A symposium on patents, under the auspices of the Federal Bar Association of New York, New Jersey and Connecticut, will be held May 2-3 at 8 p. m. in the Federal courthouse, Foley Square, this city. Anthony William Deller, chairman of the committee, will preside and make the opening address on "The American Patent System."

The topics will deal with the social and economic benefits of the United States patent system, and will include the following: "Inventions and Civilization," by Joseph W. Barker, of the School of Engineering of Columbia University; "Metallurgy and Patents," by Colin G. Fink, professor of chemical engineering, Columbia University, vice-chairman of the National Association of Manufacturers' committee on patents and trademarks.

Other aspects treated will be "Engineering and Patents," by Charles E. Lucke, Stevens professor of mechanical engineering, Columbia University; "The Inventor and Patents," by Clarence W. Hazelett, chairman of the board of Hazelett Metals, Inc.; "Chemistry and Patents," by Ralph H. McKee, professor of chemical engineering, Columbia University; "The National Welfare and Patents," by Mr. William W. Buffum, of the Chemical Foundation, Inc.

Potash Prussiate Duty Raised by British

LONDON, April 14, 1939.

The British Treasury, on the recommendation of the Import Duties Advisory Committee, has issued an additional import duties order which increases as from today the rate of duty on yellow prussiate of potash from 10 percent ad valorem to 2 pence per pound. This material is mainly used in the manufacture of iron blues for printing inks and paints, and there is a minor usage in the calico-printing trade and for the case-hardening of metals. A declaration has been made by the British makers as to the future price of potash prussiate which the committee regards as reasonable.

U.G.I. Plans Production Of Tar Chemicals

Philadelphia, Apr. 25, 1939

Production of organic intermediates and finished chemicals from watergas-tar and light oil derivatives is planned by the United Gas Improvement Company, local utility concern. The project is still in the experimental stage, but erection of a plant for commercial production has been authorized, and it is expected that operations will be started early in 1940.

At the present time the company has an experimental pilot plant and is producing such materials as styrene, indene, cyclopentadiene, butadiene, and certain of their derivatives on a laboratory scale. It is also producing a variety of synthetic plastics from these materials, which are now being tested cooperatively by certain of the larger chemical companies.

The company expects ultimately to market these materials through the larger industrial consuming channels.

N.A.I.D.M. Meeting To Discuss Labeling

Dr. H. C. Fuller, consultant, Washington, will answer questions on labeling under the Federal food, drug and cosmetic act at the meeting of the National Association of Insecticide and Dsinfectant Manufacturers, to be held June 5 and 6 in the Hotel Biltmore, this city.

There will be a talk about carnauba wax by J. E. Codoy, of W. R. Grace & Co., this city. A. H. Singler, secretary of the Maple Flooring Manufacturers' Association, will tell about floor finishes from the viewpoint of the flooring manufacturer; J. O. Peckham, of the A. C. Nielson Company, will talk on "Continuous Marketing Research," and Dr. Cecil Dunne of the Massachusetts Institute of Technology will discuss the status of industrial disinfectants.

Red Rock Bottlers, Inc., Atlanta, Ga., has filed a registration statement with the Securities and Exchange Commission covering 52,000 shares of common shares of $1 par value. Of the stock registered, 10,000 shares would be offered publicly at $3.75 a share.

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c. for each additional 6 words
Payable in advance at 59 John Street, New York

Agencies Wanted

SALES ORGANIZATION having office, warehouse and delivery facilities in Reading, Pa., seeking connections to represent manufacturers of chemicals and paint products. Also opening warehouses in Allentown, Lancaster and Harrisburg. BOX 388, Oil, Paint and Drug Reporter.

Agents Wanted

ORGANIC FERTILIZERS: — Sales agent wanted for organic fertilizers and specialty castor meal, c.i.f. U.S.A. ports. Vitex, Antwerp (Belgium). Cable address:—Concentra-Antwerp.

Business Offered

PROPRIETARY MEDICINE business. National distribution. Family operated. BOX 500, Bedminster, N. J.

Equipment Offered

CONSOLIDATED OFFERS — one 24-inch Mikro pulverizer; twelve vacuum dryers, shelf and rotary type; nine W. & P. mixers; five Sweetland filters; twenty plate type filter presses; thirty centrifugal machines; miscellaneous; rotary dryers, pulverizers, jacketed kettles, etc. Send for complete listing. We buy and sell from a single item to a complete plant. Now liquidating the former Amalgamated Dyestuffs Corp., Newark, N. J. Send for complete list. Consolidated Products Co., Inc., 15-17-19 Park Row, New York City.

PEBBLE MILLS—one 30 by 25, two 30 by 36, two 15 gal. pony mixers; three 18 in. paint mills, 18 in. mushroom mill. Lawler Engineering Company, Durham avenue, L. V. R. R., Metuchen, N. J.

Equipment Offered

FROM PLANT liquidations: — Six 1,000 gals. closed, agitated, jack. kettles; 3,000 pound jack., horiz, steel powder mixer, 20 h.p. motor driven; Tolhurst 32-inch rubber lined centrifugal; two 6-foot diameter Buffalo vacuum crystallizers; jacketed agitated vacuum stills, 25 to 2,000 gals., glass lined and steel; glass lined and steel storage tanks; 3 ft. by 15 ft. rotary vacuum dryer; Hardinge mill, 6 ft. by 36 in, pebble and jar mills to 250 gals. capacity; filter presses to 36 in. square; Stedman 42 in. disintegrator; tablet machines, ½ in. to 2 in., single punch and rotary. Mixers, crushers, pulverizers, roller mills, etc. Send for complete listings. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

Equipment Wanted

FILTER PRESS wanted. Shriver or Sperry; closed delivery. Size 30 in. by 30 in. plate and frame. 30 chambers giving a 1 in. cake. Bottom feed and bottom delivery. Plates to be recessed, with pyramid draining surface; plates and frames to be made of cast iron or cast iron tin dipped. Press must be in "A1" condition. State year of manufacture and give price. BOX 390, Oil, Paint and Drug Reporter.

Materials Offered

CELLULOSE ACETATE solution, 9 ounce, old, good condition; also old cellulose acetate flake and powder, large quantities, very low prices. Henry K. Fort Co., 2227 N. American street, Philadelphia.

Plants Offered

SYNTHETIC RESIN plant; must sell immediately for cash at a very reasonable price, complete equipment and formulae. Equipment practically new. Owner has other business demanding full attention. BOX 389, Oil, Paint and Drug Reporter.

Positions Wanted

PAINT MAN: Nineteen years experience one firm in production and plant operating, desires position in same capacity. Best of references. Any location. Opportunity. BOX 271, Oil, Paint and Drug Reporter.

VARNISH TECHNICIAN, 54 years of age, studied chemistry, life experience in formulation, development, laboratory work and testing clear varnishes; splendid record in selling, demonstration, production. BOX 381, Oil, Paint and Drug Reporter.

DYESTUFFS laboratory worker, technically trained, good European manufacturing experience, desires employment in analytical laboratory or dyestuffs or textile manufacturing; age 24; speaks English and German; excellent recommendations. BOX 382, Oil, Paint and Drug Reporter.

Positions Wanted

OFFICE or credit manager, order, billing, correspondence, etc. Experienced. Paints, varnishes and allied lines. BOX 387, Oil, Paint and Drug Reporter.

Services Offered

CHEMIST and chemical engineers — if you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

Surplus Stock

CHECK INVENTORIES — Cash for any quantity, surplus finished or raw materials —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

WE PURCHASE any quantity surplus chemicals, colors, pigments, oils, waxes, drugs, pharmaceuticals, and all basic raw materials, as well as by-products, residues and wastes of all kinds. Entire plants bought. Eastern Color & Chemical Co., 143 Nassau street, New York City. COrtlandt 7-7441.

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

Bids Wanted

Acid, Sulphuric:—30,000 pounds; Commanding Officer, Frankford Arsenal, Pa.; procurement 1025, opening May 3.

Ammonia:—Supplies as required during the 1940 fiscal year; U. S. Engineer Office, Mobile, Ala.; procurement 369, opening May 10.

Baking Powder:—78,000 pounds for Mare Island and Puget Sound; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6156, opening May 16.

Candles, Parraffin—Stearic:—3,000 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-163, opening May 5.
1,000 pounds; Quartermaster Depot, Chicago; procurement 199-207, opening May 10.

Laundry Sour:—800 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-162, opening May 4.

Ocher, Paste:—1,275 pounds; Commanding Officer, Frankford Arsenal, Pa.; procurement 1025, opening May 3.

Oil, Castor:—15,000 pounds; Purchasing Agent, Government Printing Office, Washington; opening May 5.

Fuel:—32,000 gallons; Contracting Officer, Materiels Division, Air Corps, Wright Field, Dayton; procurement 976, opening May 8.
60,000 barrels of bunker C; General Purchasing Officer, Panama Canal, Wasnington; schedule 3454, May 12.

Shingle Stain:—800 gallons; District Quartermaster, CCC, Medford, Ore.; procurement 5908-74, opening May 3.

Phosphate, Rock:—3,000 to 8,000 gross tons of lump brown for the Wilson Dam, Ala.; Director of Purchases, Tennessee Valley Authority, Knoxville, Tenn.; opening May 4.

Soda Bicarbonate:—Supplies for Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6155, opening May 16.

Laundry:—10,000 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-162, opening May 4.

Phosphate:—31,250 pounds in various containers; Purchasing Agent, Post Office Department, Washington; procurement 186, opening May 10.

Tribasic:—17,000 pounds; Quartermaster Depot, Chicago; procurement 199-206, opening May 3.

Soap, Chips:—3,000 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-163, opening May 5.
2,700 pounds; Quartermaster Depot, Chicago; procurement 199-206, opening May 6.

Powdered:—6,000 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-162, opening May 4.

Solvent, Cleaning:—3,000 gallons; Commanding Officer, Picatinny Arsenal, N. J.; procurement 750, opening May 8.

Starch Laundry:—750 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-162, opening May 4.

Hercules Powder Earnings Gained in First Quarter

Hercules Powder Company, Wilmington, reports for the first quarter of 1939 net earnings of $1,087,322 after providing for depreciation and Federal taxes. This is equal, after payment of preferred dividends, to 73 cents a share on an average of 1,316,710 shares of common stock outstanding during the quarter. Figures for the first quarter of 1938 showed net earnings of $656,027, equal, after payment of preferred dividends, to 40 cents a share on an average of 1,316,710 shares outstanding. Current assets, as shown at the quarter end, amount to $21,692,486. This represents an 11.3 ratio to current liabilities. Cash and marketable securities amount to $10,153,078.

Phosphate Salts Output Statistics for 1937 Revised

Revised statistics on the 1937 production of phosphate salts have been issued by the Bureau of Census as follows:—

	1937	1935
Phosphoric acid—		
Establishments	10	11
Pounds*	78,250,701	45,385,991
Value	$1,785,785	$1,333,702
Calcium phosphate—		
Monobasic:		
Establishments	8	10
Tons	38,708	35,860
Value	$4,960,017	$4,665,301
Dibasic and tribasic:†		
Establishments	4	7
Tons	5,138	4,729
Value	$484,317	$450,284
Soda phosphate—		
Tribasic:		
Establishments	13	14
Tons	117,402	87,109
Value	$4,235,155	$3,861,952
Dibasic:		
Establishments	12	12
Tons	22,330	35,444
Value	$814,420	$1,338,065
Monobasic:		
Establishments	9	
Tons	2,553	
Value	$374,148	6
Pyro:		4,517
Establishments	5	$832,724
Tons	10,288	
Value	$1,360,882	

* For 1937 and 1935, basis 50 percent H_3PO_4.
† Combined to avoid disclosure of approximations of data reported by individual establishments.

Battelle to Appoint Four Research Associates

Four appointments as research associates are to be made at Battelle Memorial Institute, Columbus, Ohio. University and college graduates, either in graduate or in industrial work, are eligible. Preference will be given to those who have specialized in physics, chemistry, metallurgy, fuels or ceramics. An appointment as research associate is for one year, including vacation, and may be extended for a second year. The salary is $1,800. Research associates work full time on approved research projects under the supervision of the Battelle technical staff. The projects assigned are fundamental or general ones, leading to the publication of information that will be useful to science and industry. Application forms and further information may be secured by writing to Clyde E. Williams, director of the institute.

Miscellaneous 1937 Chemicals Output Figures Revised

Revised statistics on the 1937 production of certain miscellaneous chemicals have been issued by the Census Bureau as follows:—

	1937.	1935.
Sulphates:—		
Aluminum-ammonium (ammonia-alum):—		
Establishments	8	7
Tons	5,390	5,188
Value	$278,037	$259,292
Copper (blue vitriol):—		
Establishments	15	15
Pounds	78,892,091	54,759,439
Value	$3,883,409	$2,002,099
Manganese:—		
Establishments	5	4
Pounds*	12,518,876	6,211,704
Value	$321,781	$190,620
Sulphides:—		
Sodium:—		
Establishments	12	13
Tons†	27,266	24,884
Value	$1,529,592	$1,390,001
Vitreous enamels ("frit"):—		
Establishments	13	11
Pounds	110,879,218	73,397,433
Value	$6,826,215	$4,390,947

* For 1937 and 1935, 100 percent. For 1933, as reported, regardless of strength.
† Production in 1937 and 1935, basis 60 to 62 percent. For 1933, as reported, regardless of strength.

Brown Co. Gets RFC Loan

Brown Company, pulp and paper manufacturer, Berlin, New Hampshire, has confirmed that directors of the Reconstruction Finance Corporation meeting in Washington passed a resolution to lend $9,000,000 to the company. With the loan the company would have approximately $8,000,000 in working capital upon completion of reorganization under section 77-B of the Federal bankruptcy act, while about $2,000,000 would be available for plant improvement. The loan is predicated on certain conditions among which are that it shall be secured by a prior lien on all important assets of the company, other than current assets, and that both the management and the reorganization plan shall be acceptable to the RFC.

Allied Chemical Sales Up

H. F. Atherton, president of the Allied Chemical & Dye Corporation, this city, told stockholders at the annual meeting that earnings of the company for the first quarter exceeded dividend requirements for the period amounting to $1.50 a share and sales volume ran ahead about 15 percent of the corresponding 1938 period. So far, he added, there has been no material change in the rate of business during April. Property expenditures in 1938 totaled between $6,000,000 and $7,000,000.

McKeesport Tin Plate Company has added H. C. Flannigan, Georges Doriot and C. E. Richardson to its directorate.

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Molybdenum Output Up 13 Percent in 1938

The production of molybdenum in the United States again established a new peak in 1938 with an increase of 13 percent over the record output of the preceding year. Shipments, however, were 15 percent less than in 1937.

Domestic Production

	1937.	1938.
Production—		
Ore .....short tons	*3,638,000	*4,601,000
Concentrates ..... short tons	30,357	36,157
Molybdenum contained—		
Average ..percent	48.46	46.05
Total .....lbs.	29,419,000	33,297,000
Shipments (molybdenum contained)—		
Pounds	30,122,000	25,727,000
Value†	$20,571,000	$17,977,000
Imports (molybdenum contained)—		
Pounds	7,707	25
Value	$13,491	$81

* Excludes copper ore yielding molybdenite concentrates from New Mexico and Utah in 1937, and Arizona, New Mexico, and Utah in 1938.
† Estimated by Bureau of Mines.

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